

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
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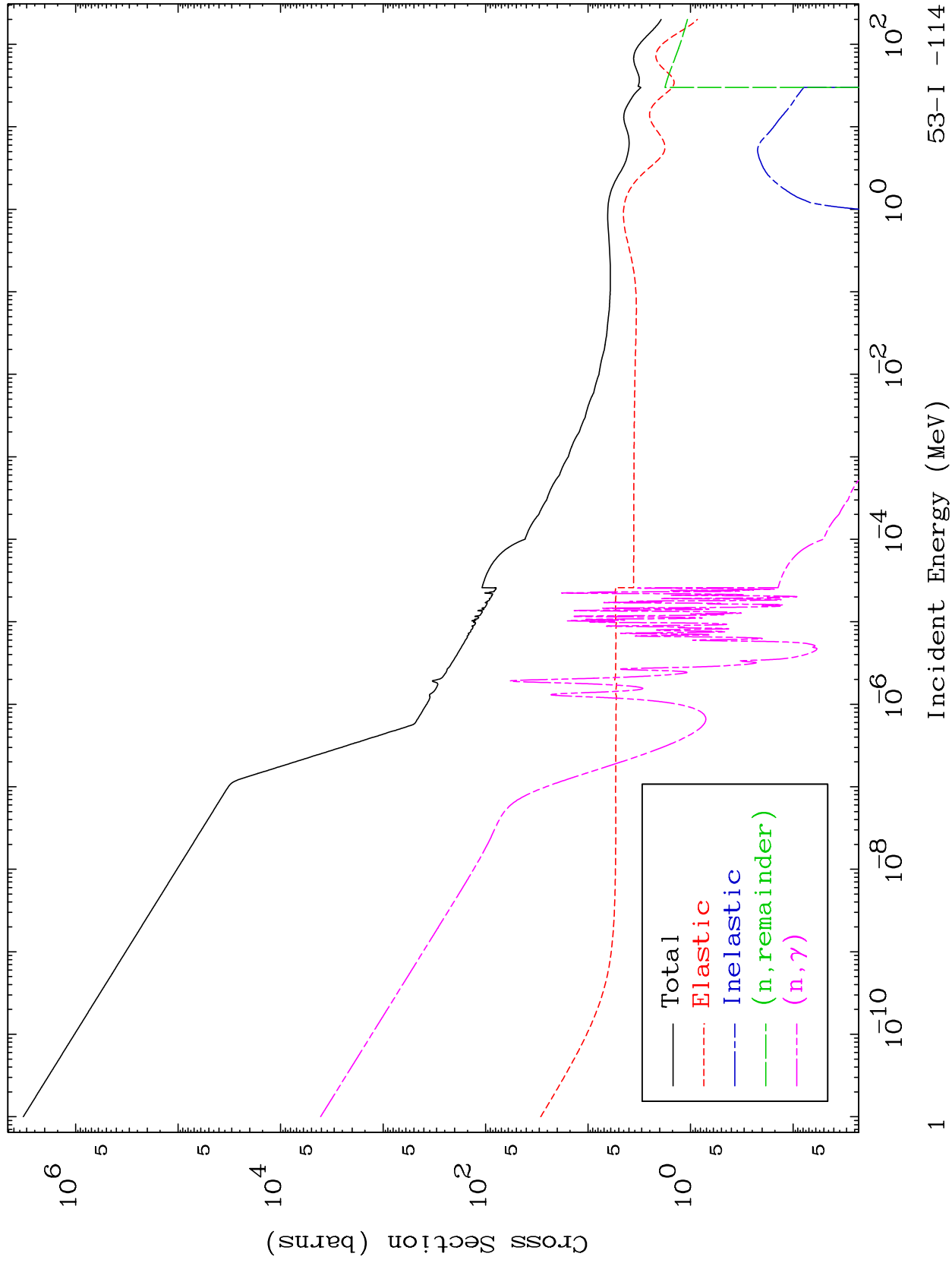
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5286

Major
293 Kelvin Cross Sections

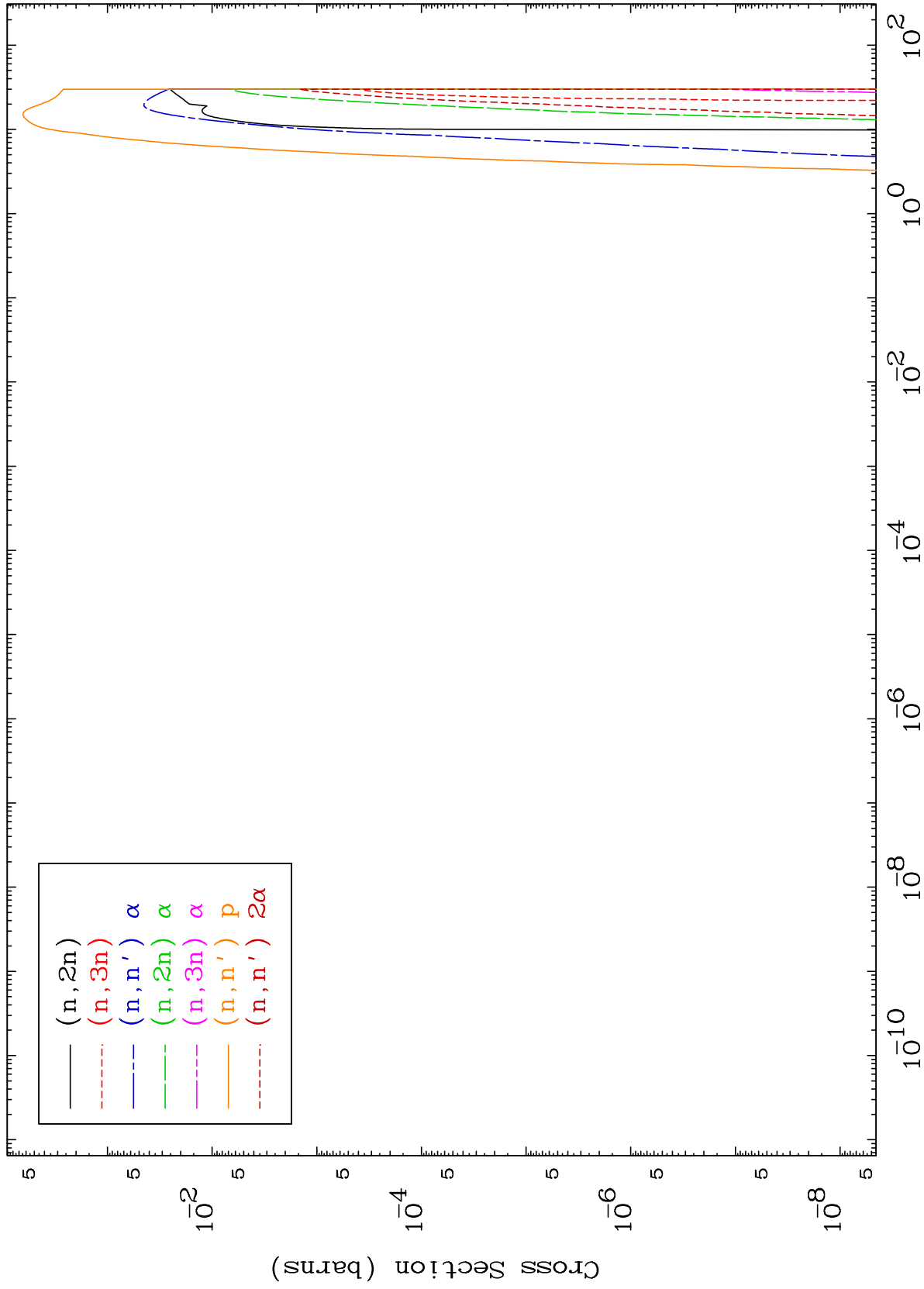
53-I -114



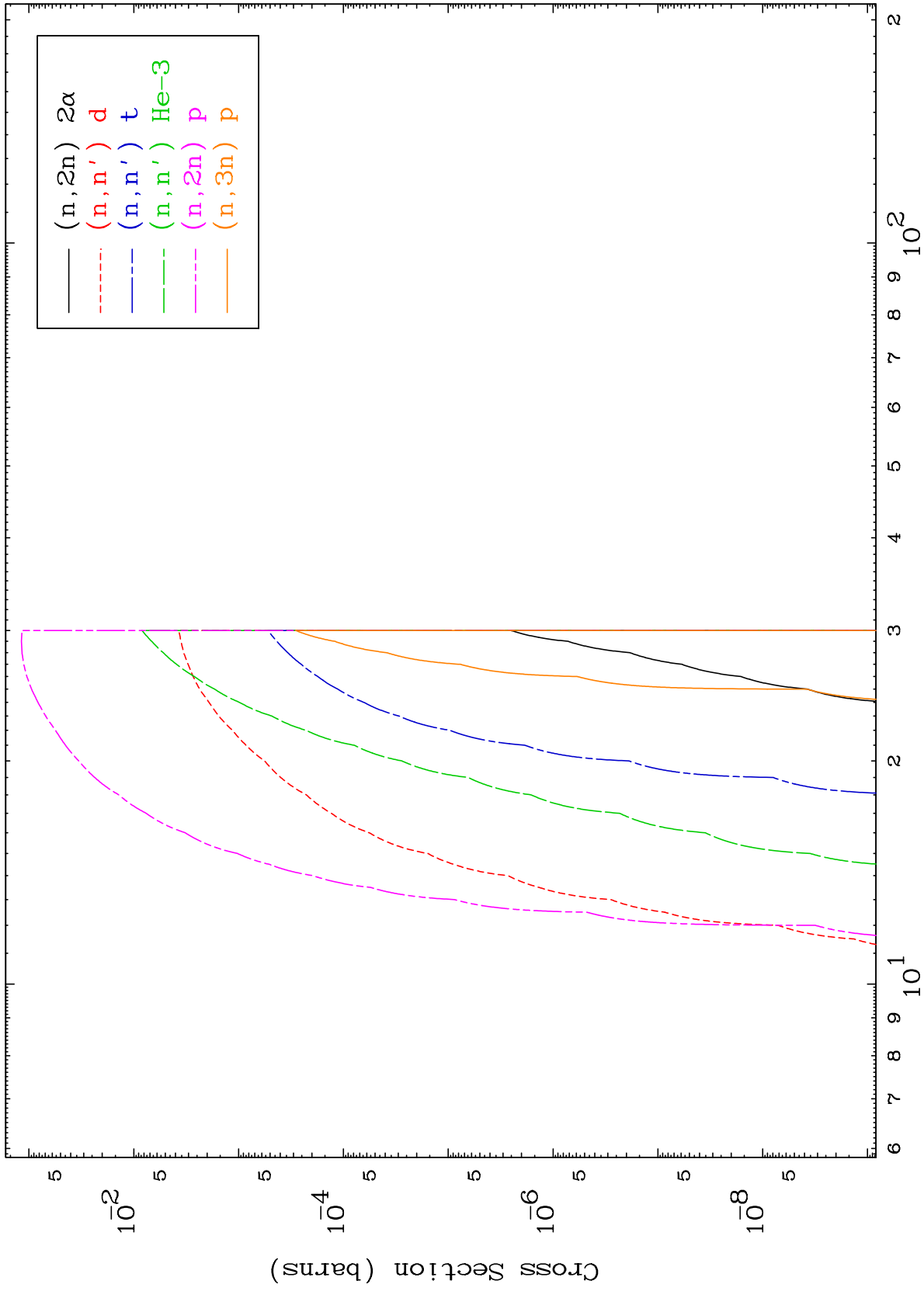
MAT 5286

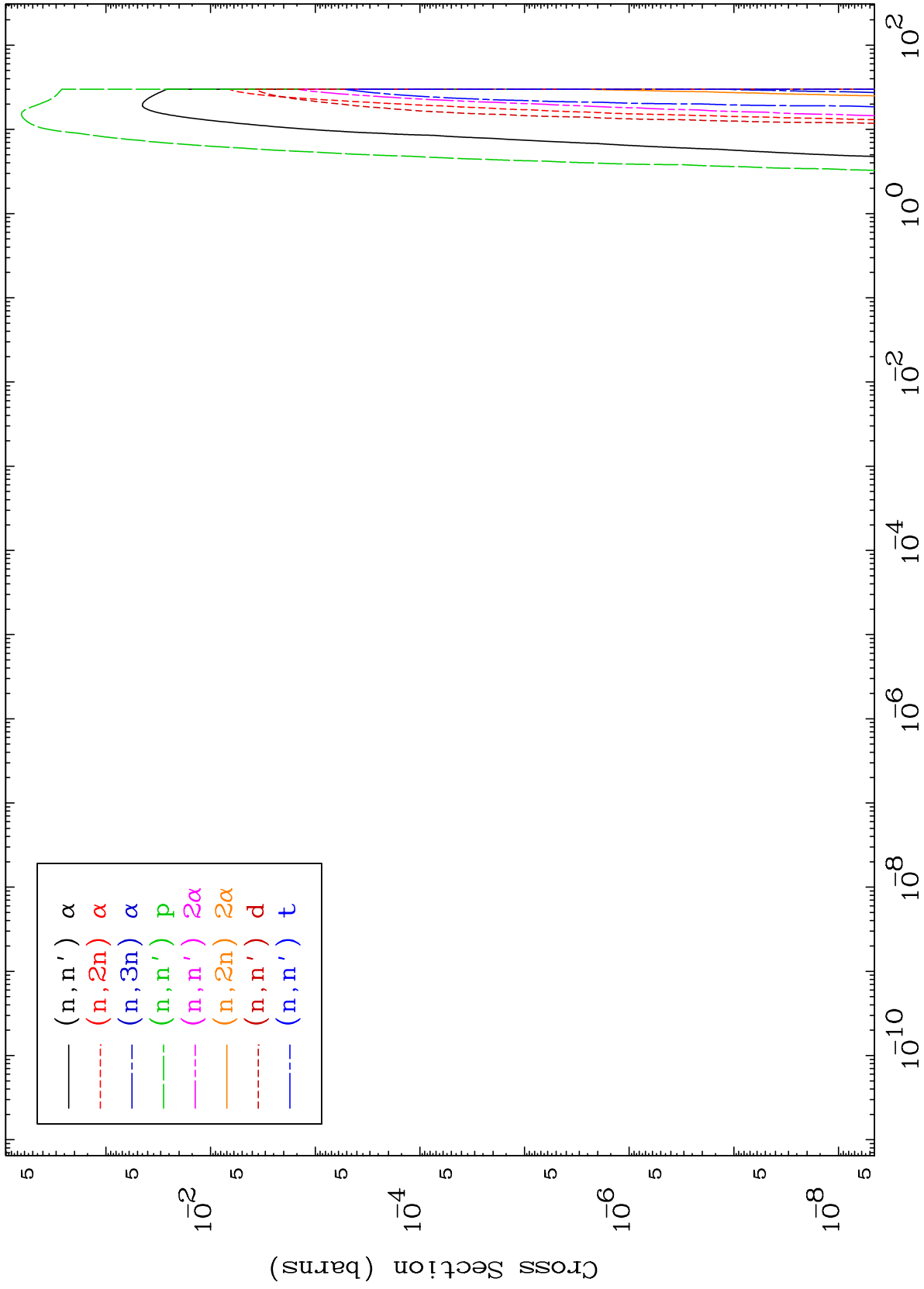
Neutron Production
293 Kelvin Cross Sections

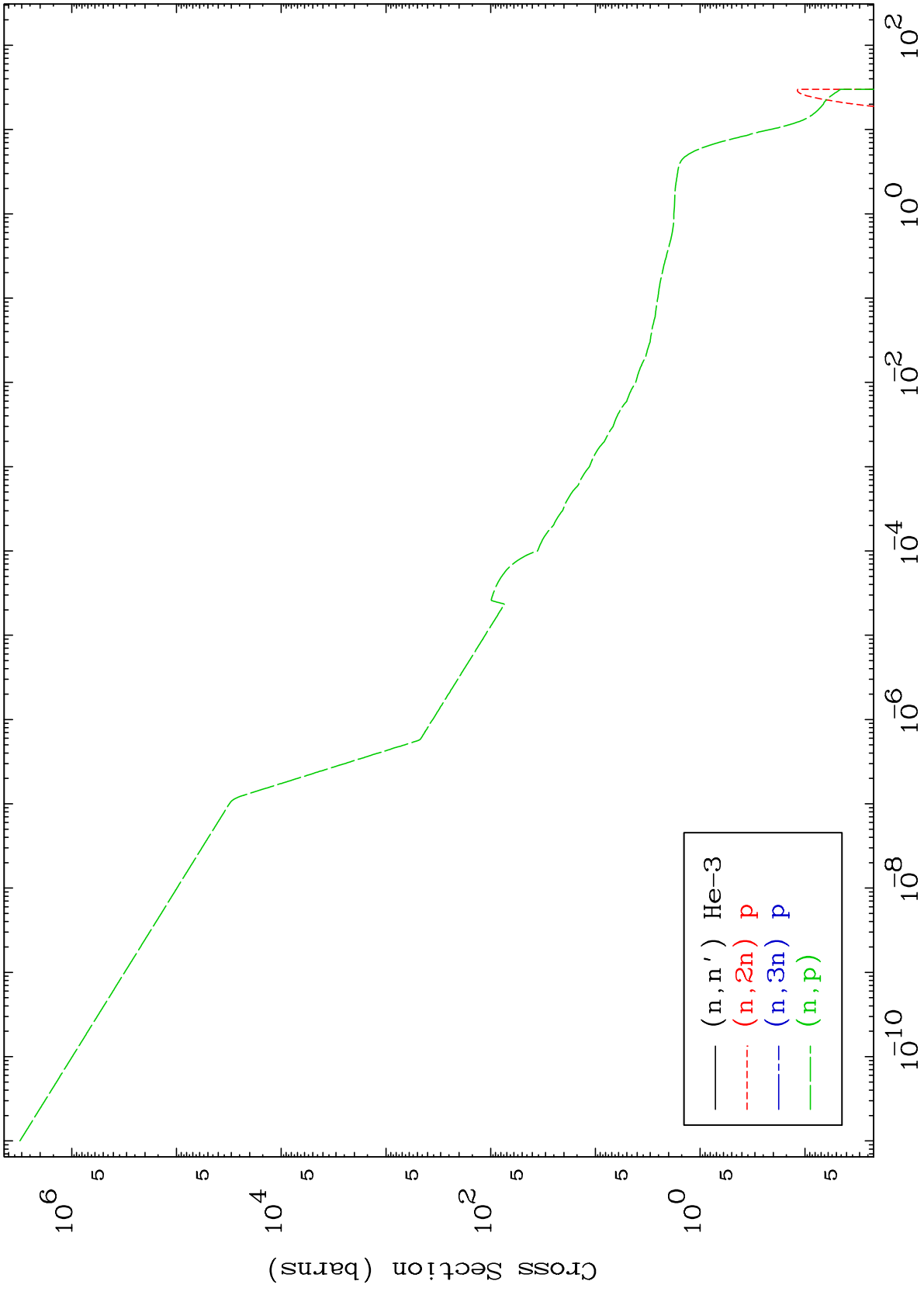
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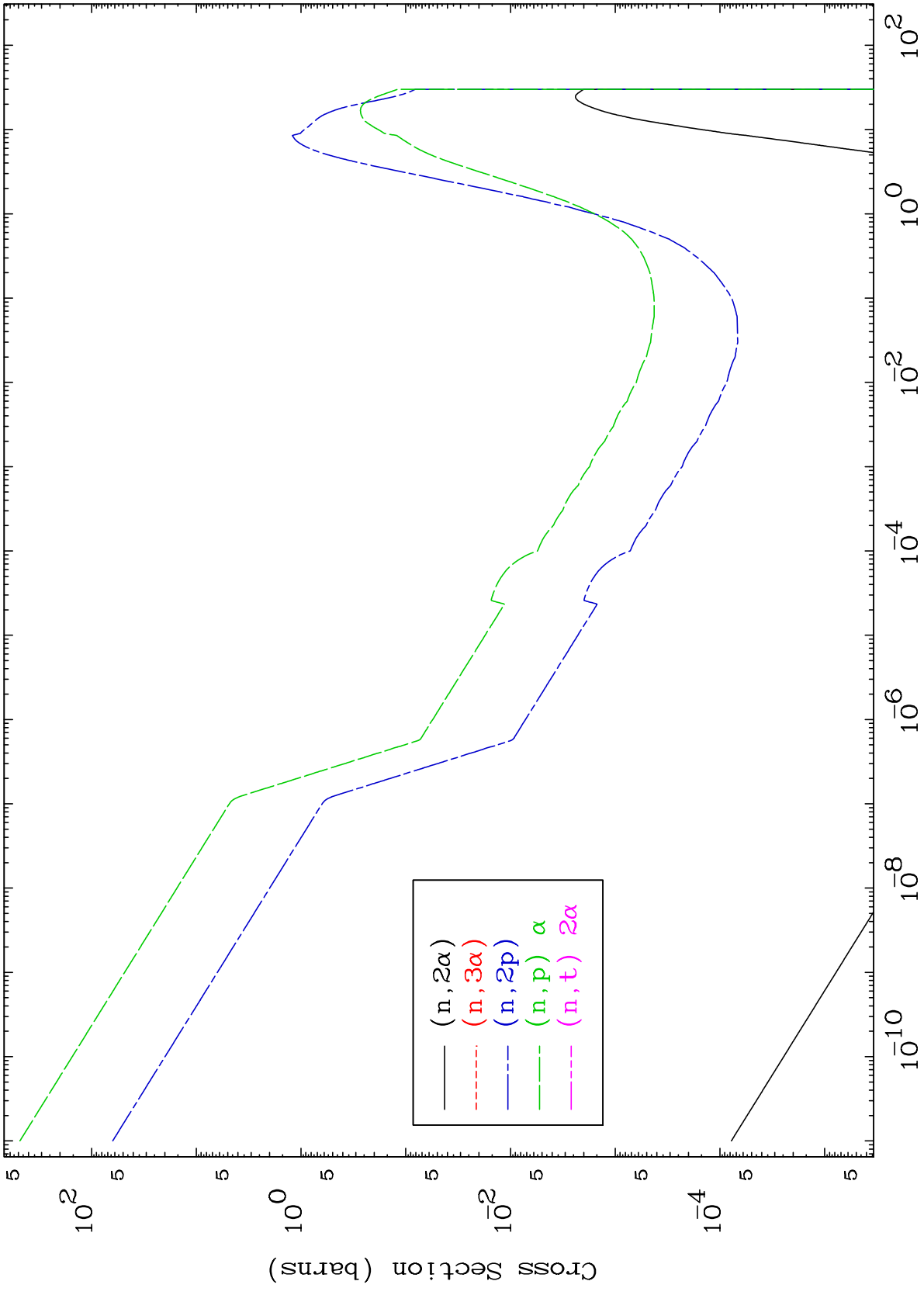


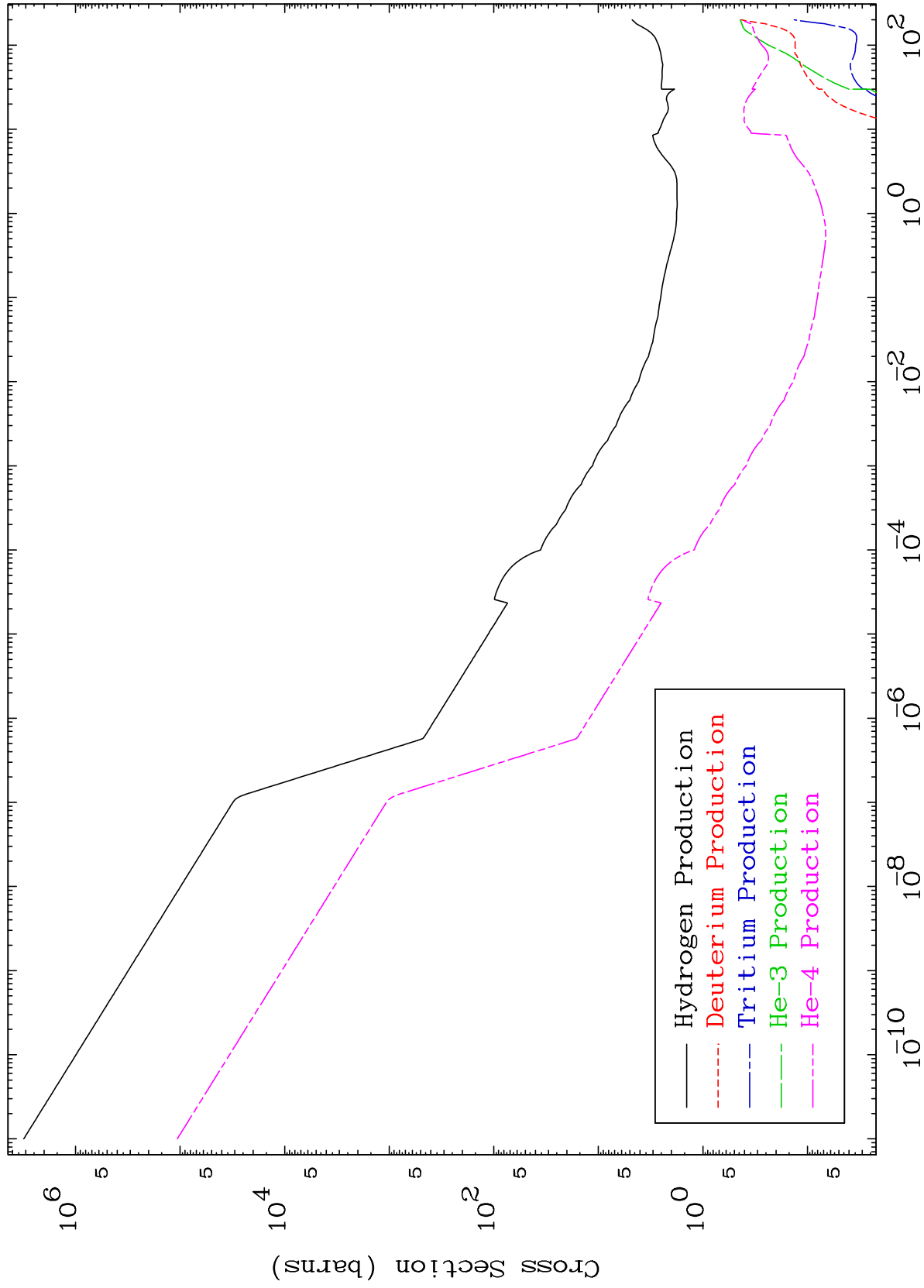
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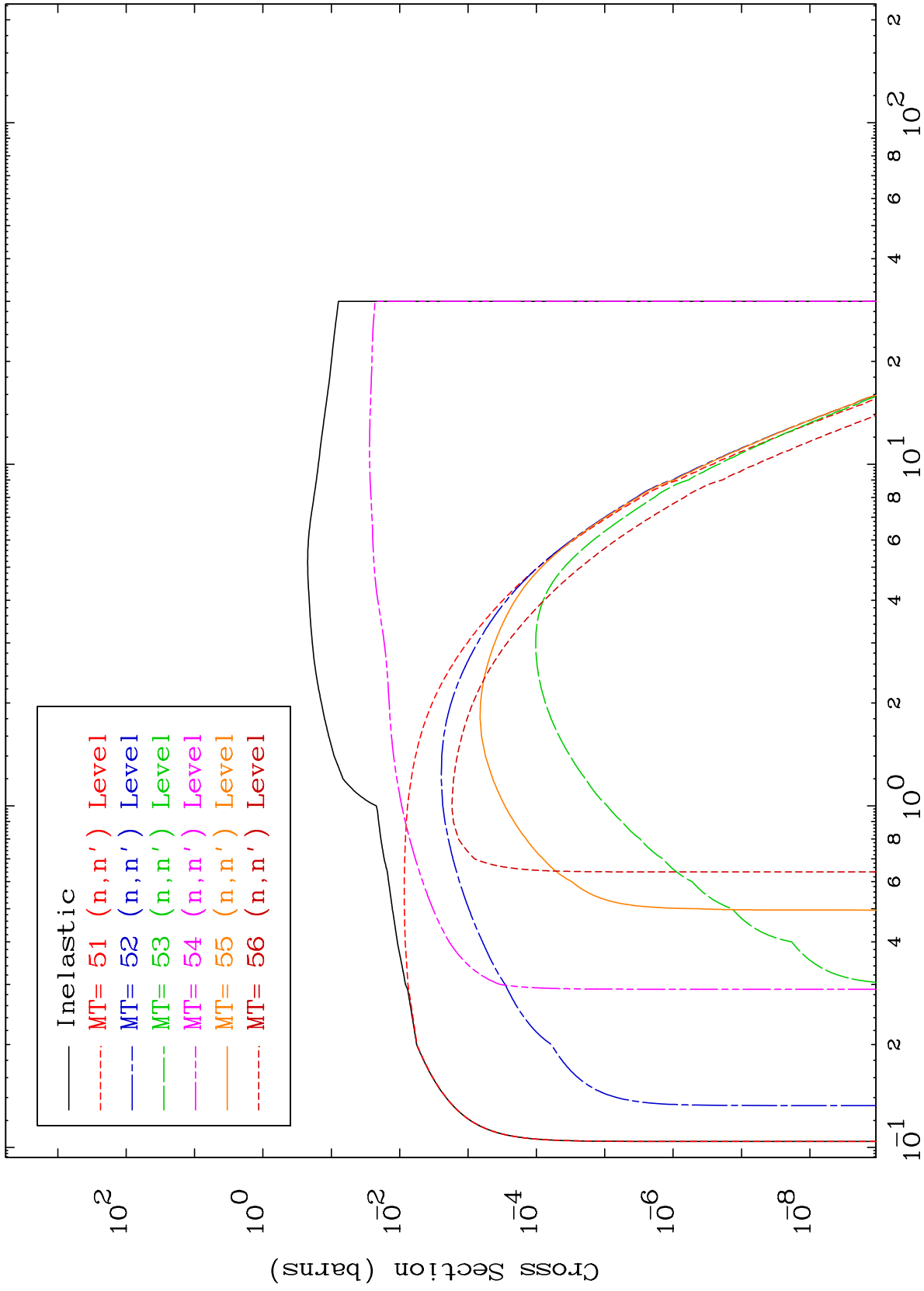




MAT 5286

(n,n') Level
293 Kelvin Cross Sections

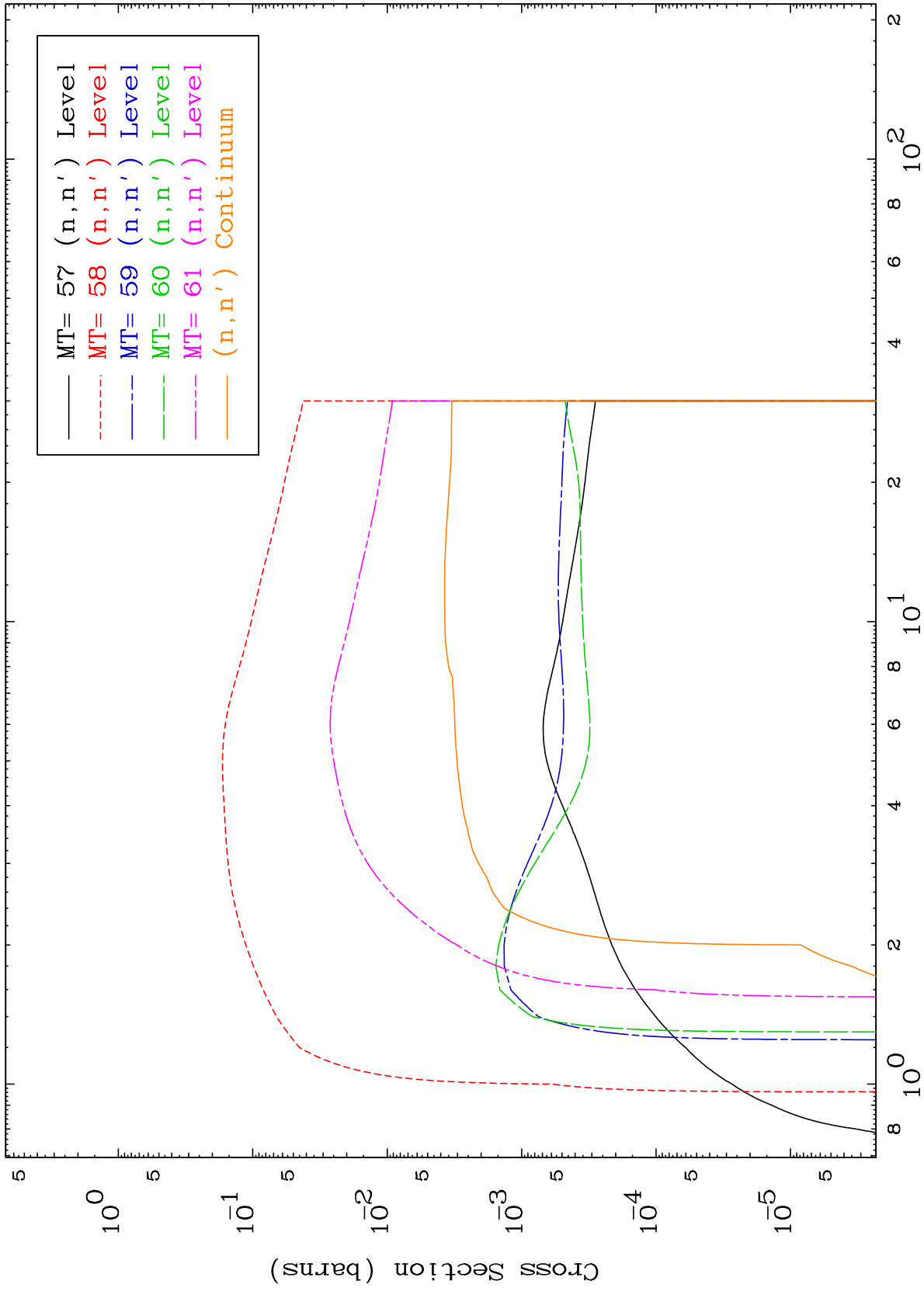
53-I -114



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Incident Energy (MeV)

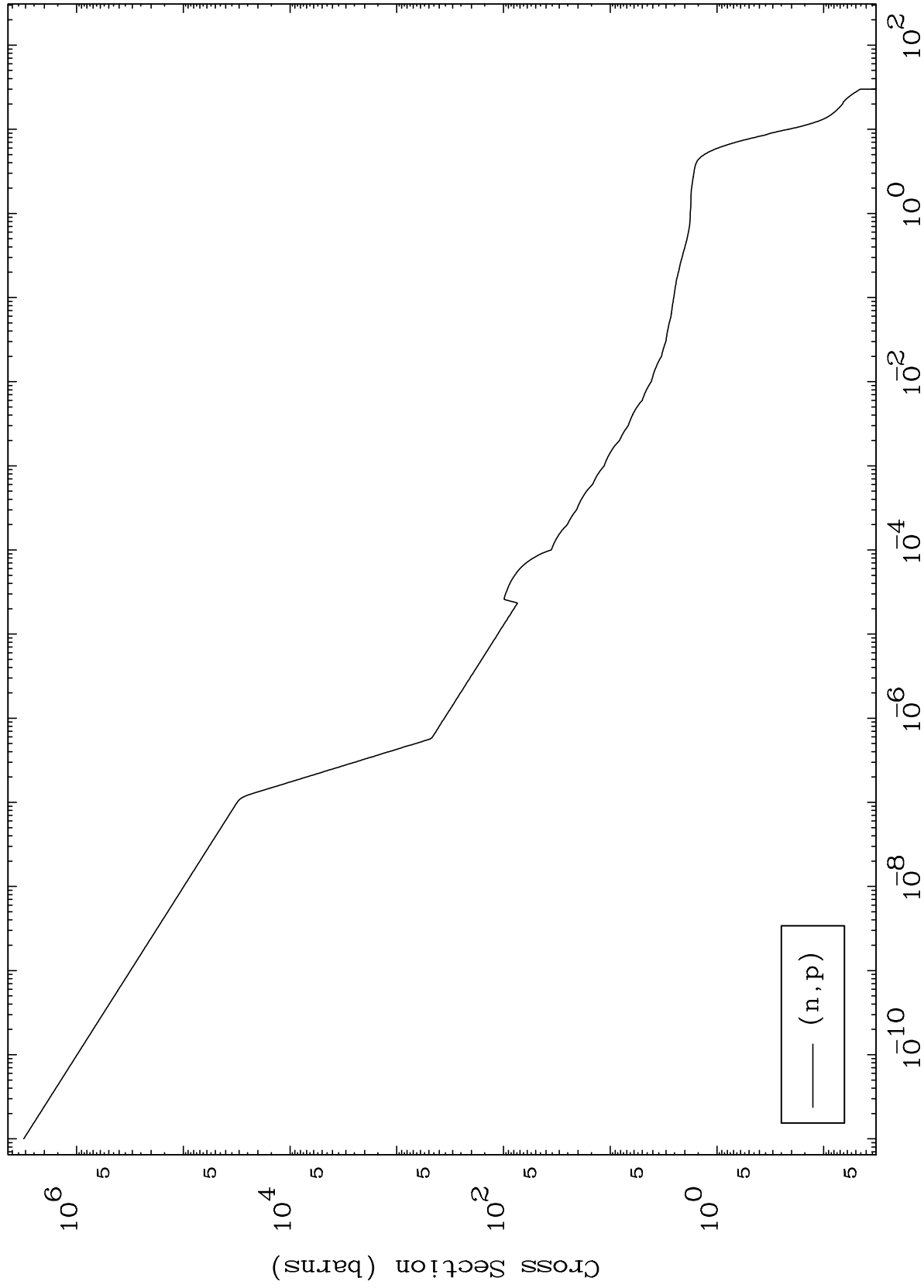
53-I -114



MAT 5286

(n,p) Levels
293 Kelvin Cross Sections

53-I -114



10

Incident Energy (MeV)

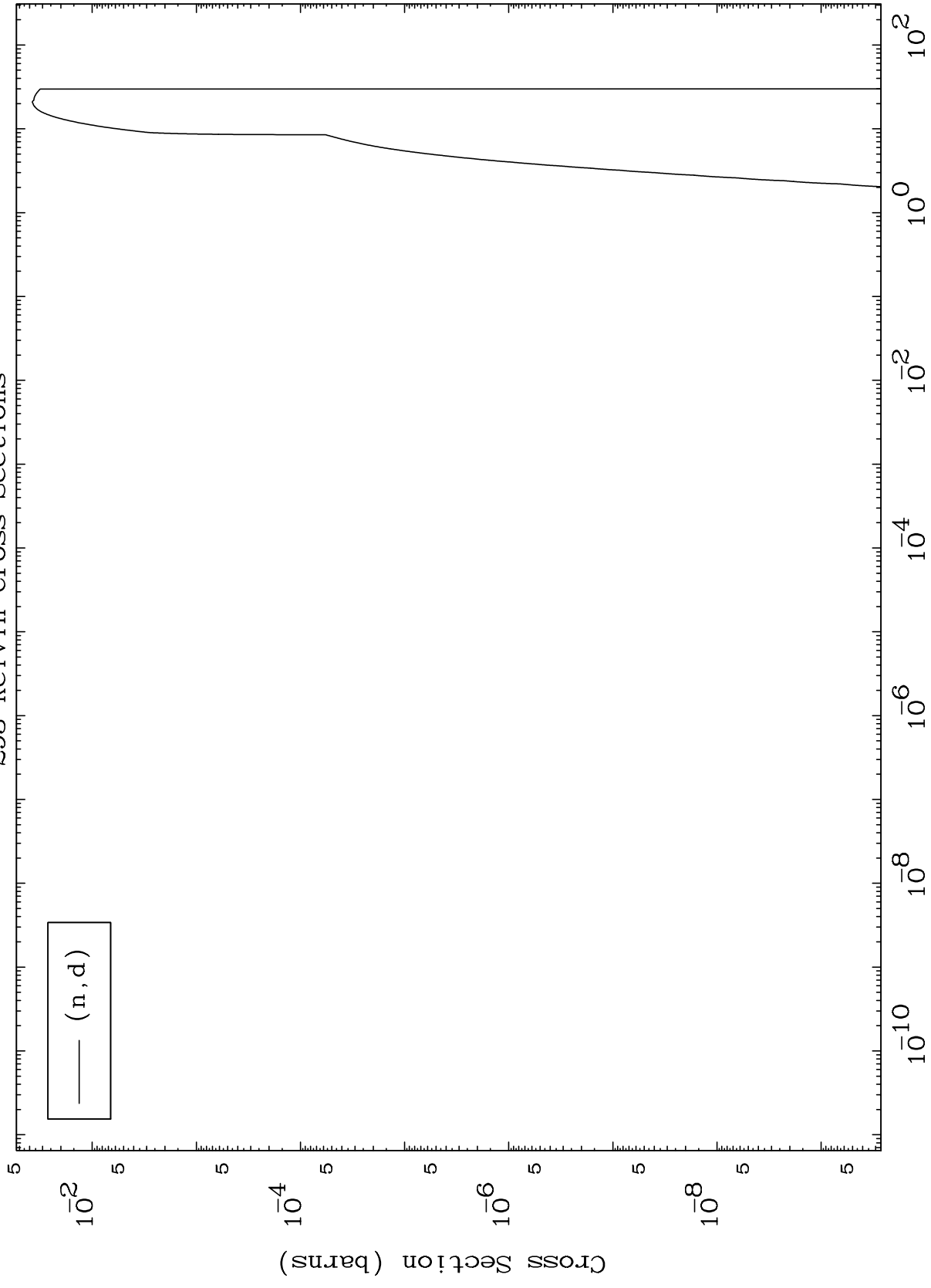
53-I -114

— (n, p)

MAT 5286

(n,d) Levels
293 Kelvin Cross Sections

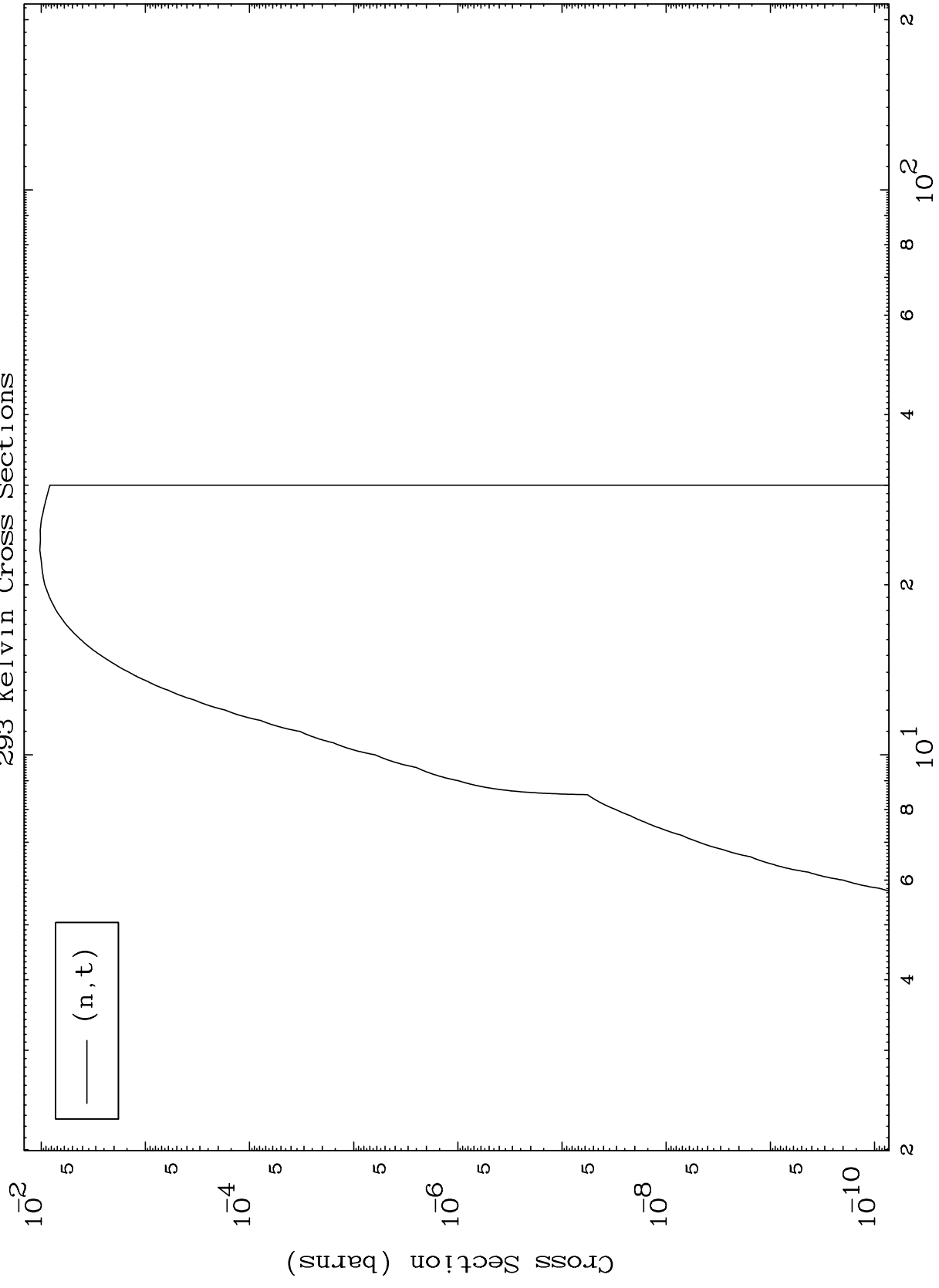
53-I -114



MAT 5286

(n,t) Levels
293 Kelvin Cross Sections

53-I -114



12

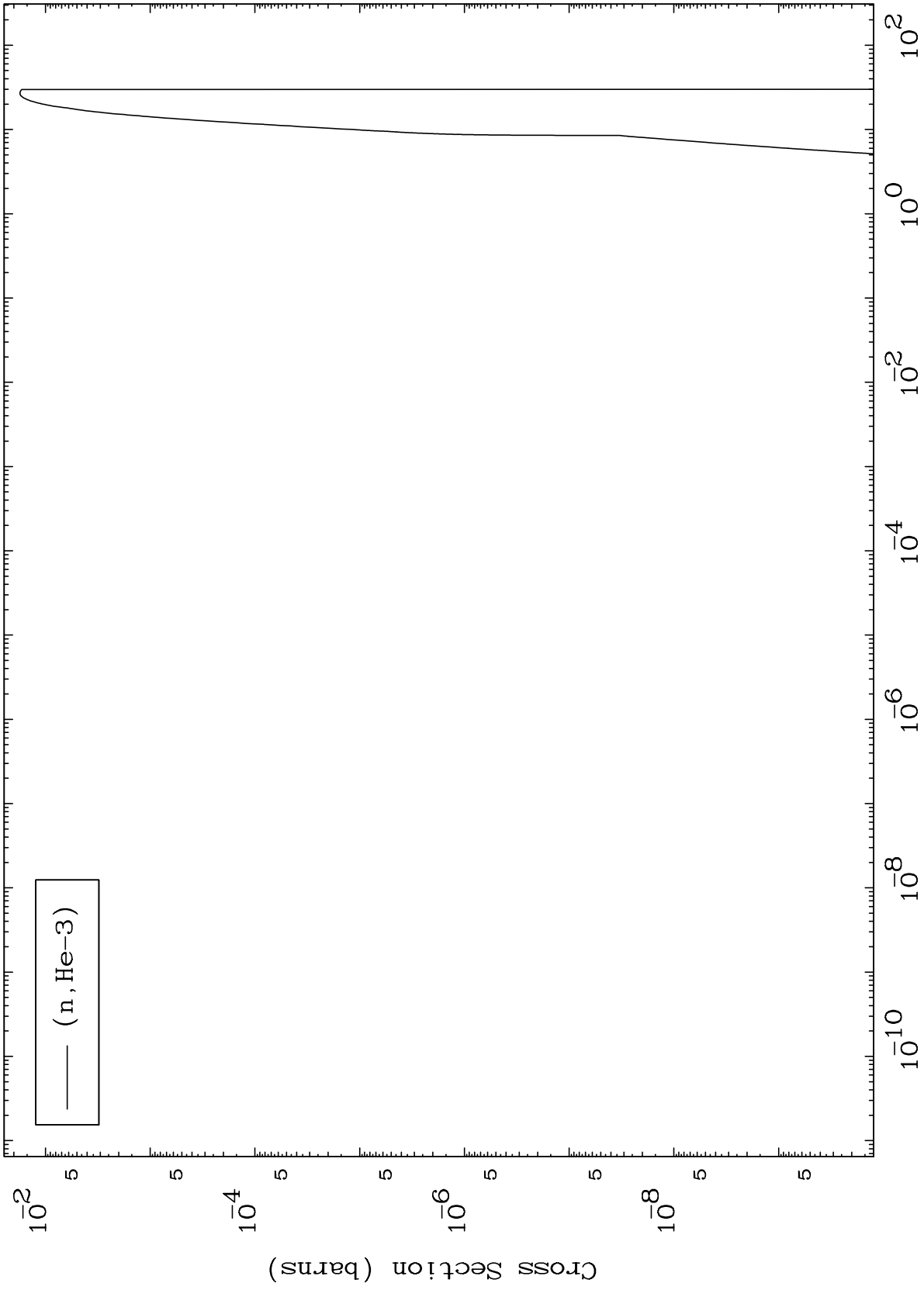
Incident Energy (MeV)

53-I -114

MAT 5286

(n,He3) Levels
293 Kelvin Cross Sections

53-I -114



13

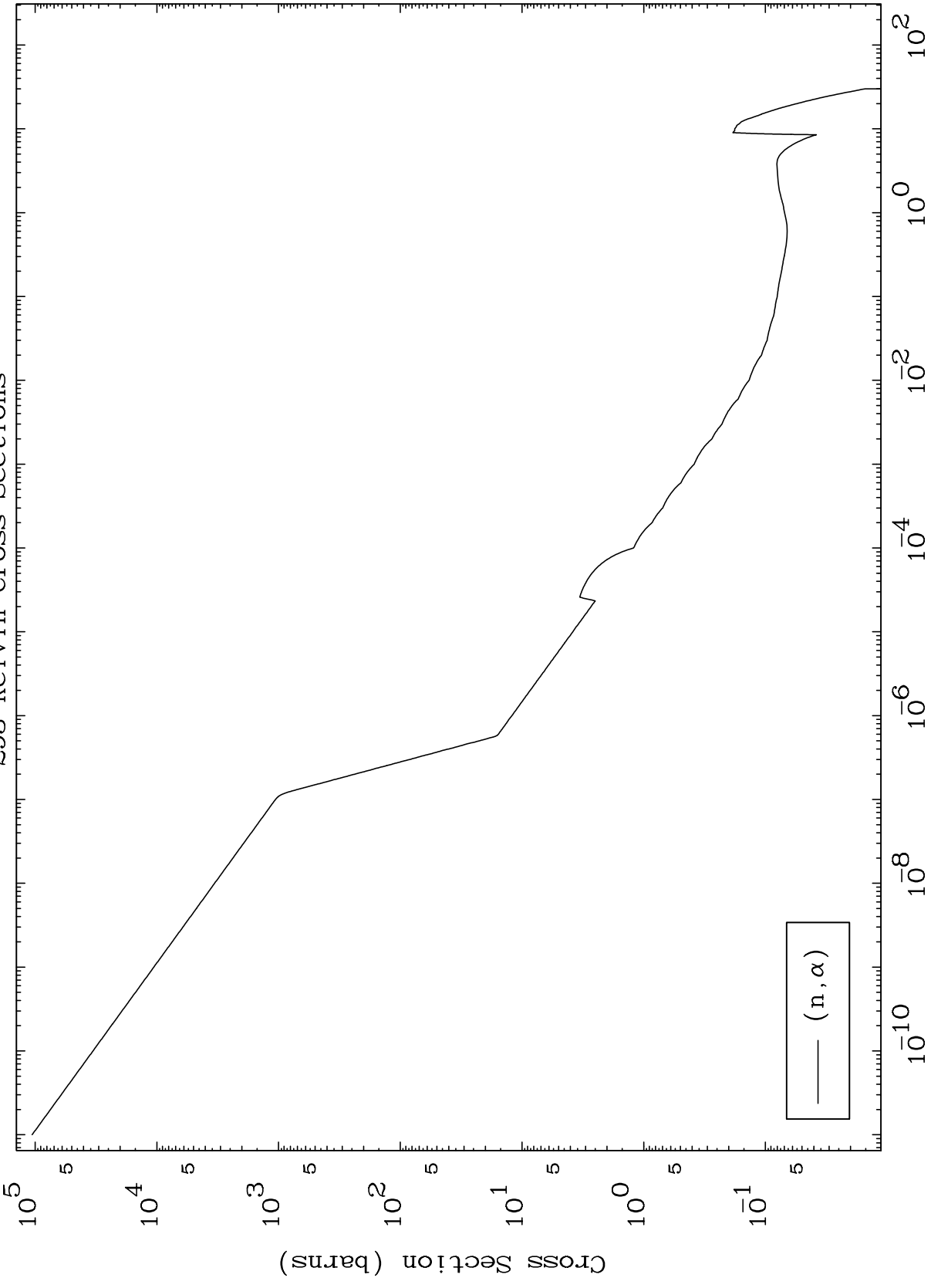
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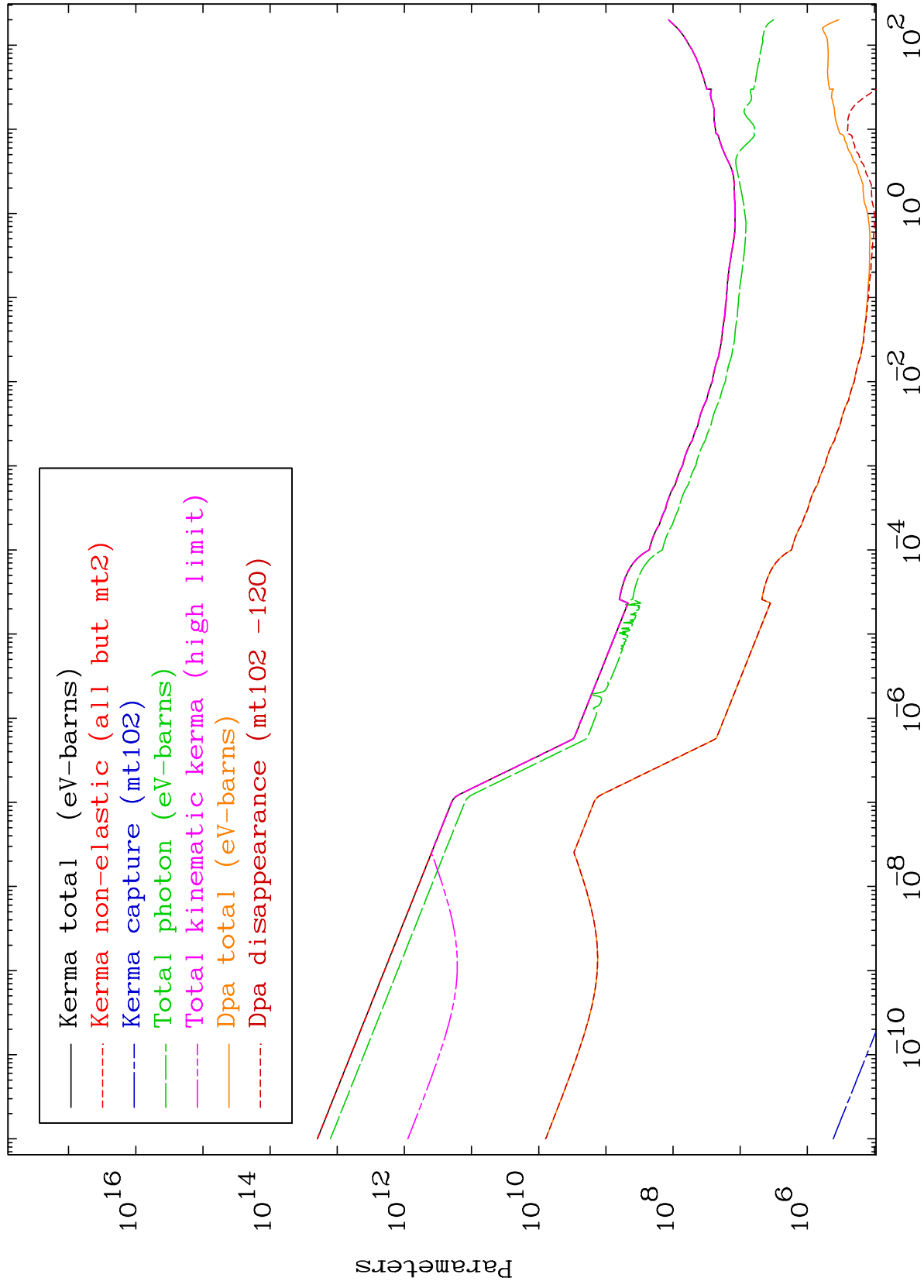
53-I -114

MAT 5286

(n, α) Levels
293 Kelvin Cross Sections

53-I -114

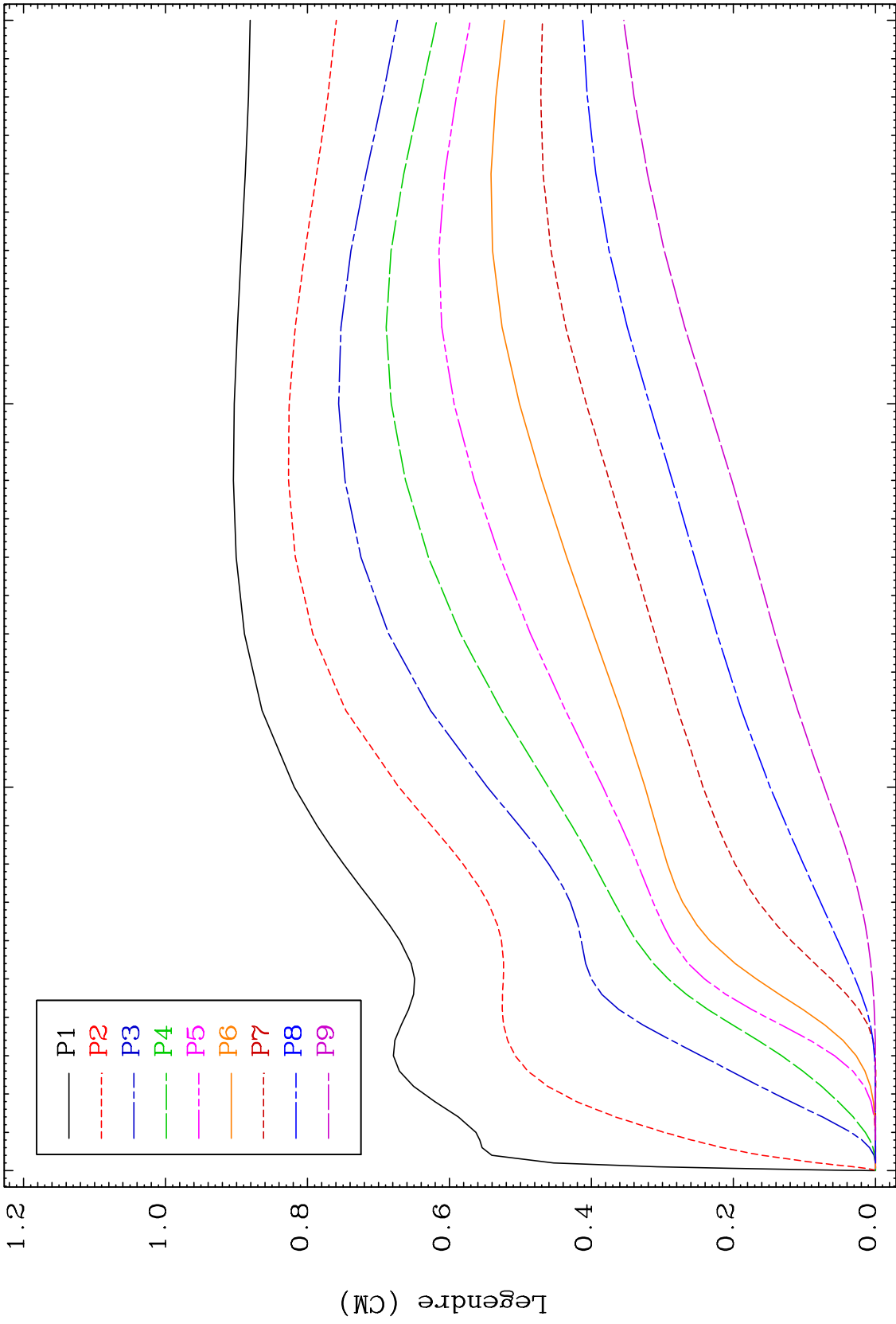




MAT 5286

Elastic Legendre Coefficients

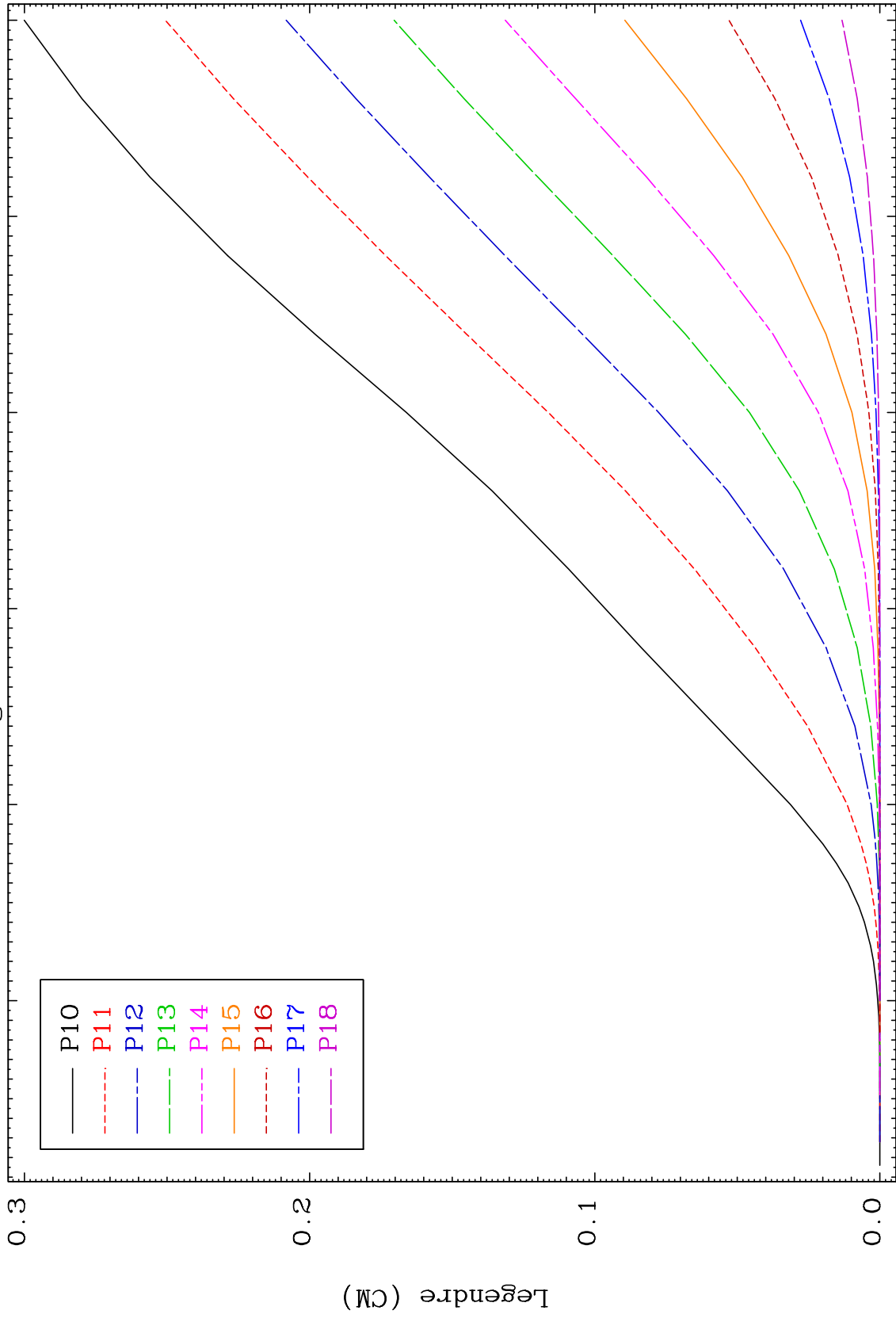
53-I -114



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Incident Energy (MeV)

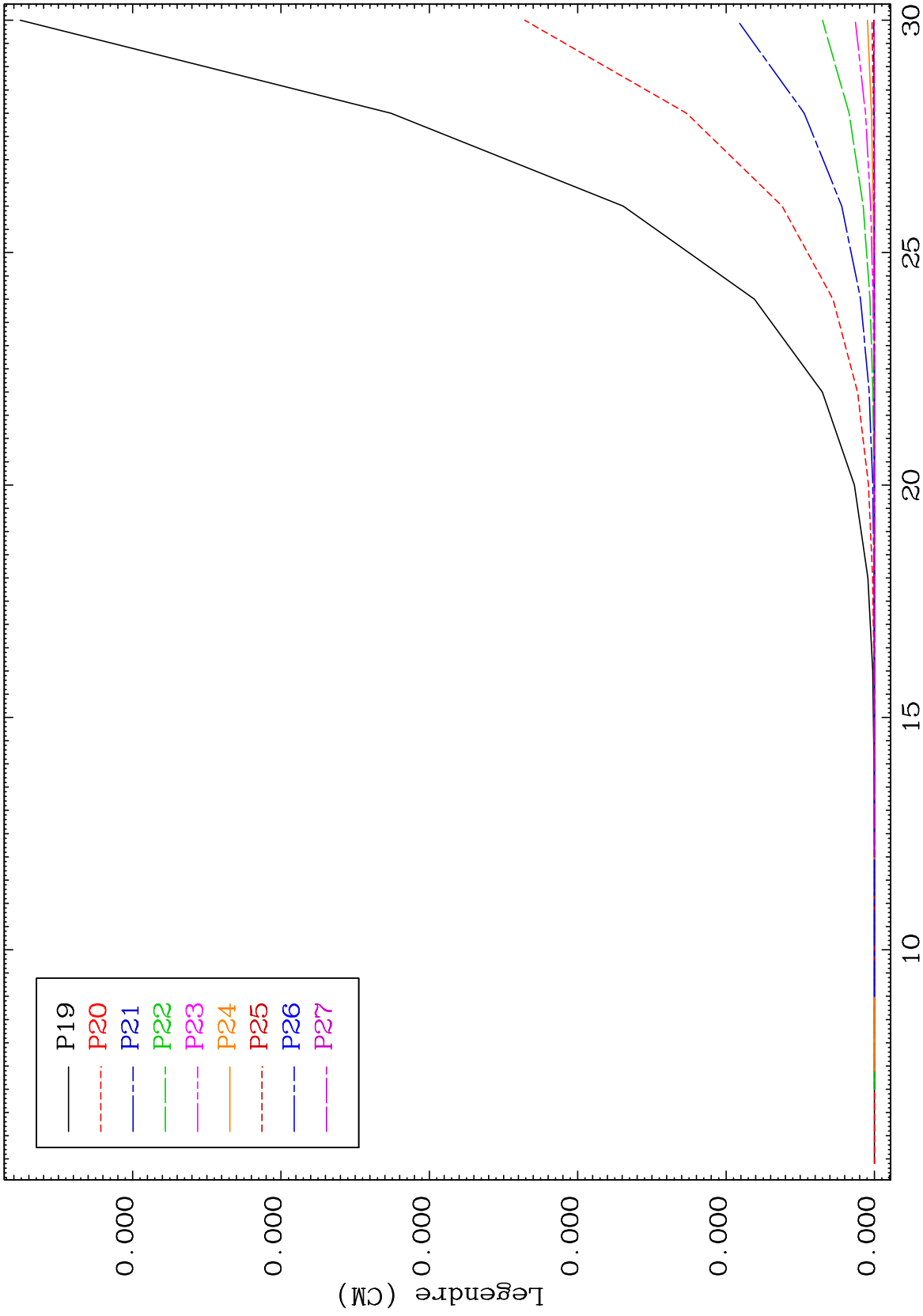
53-I -114



MAT 5286

Elastic Legendre Coefficients

53-I -114



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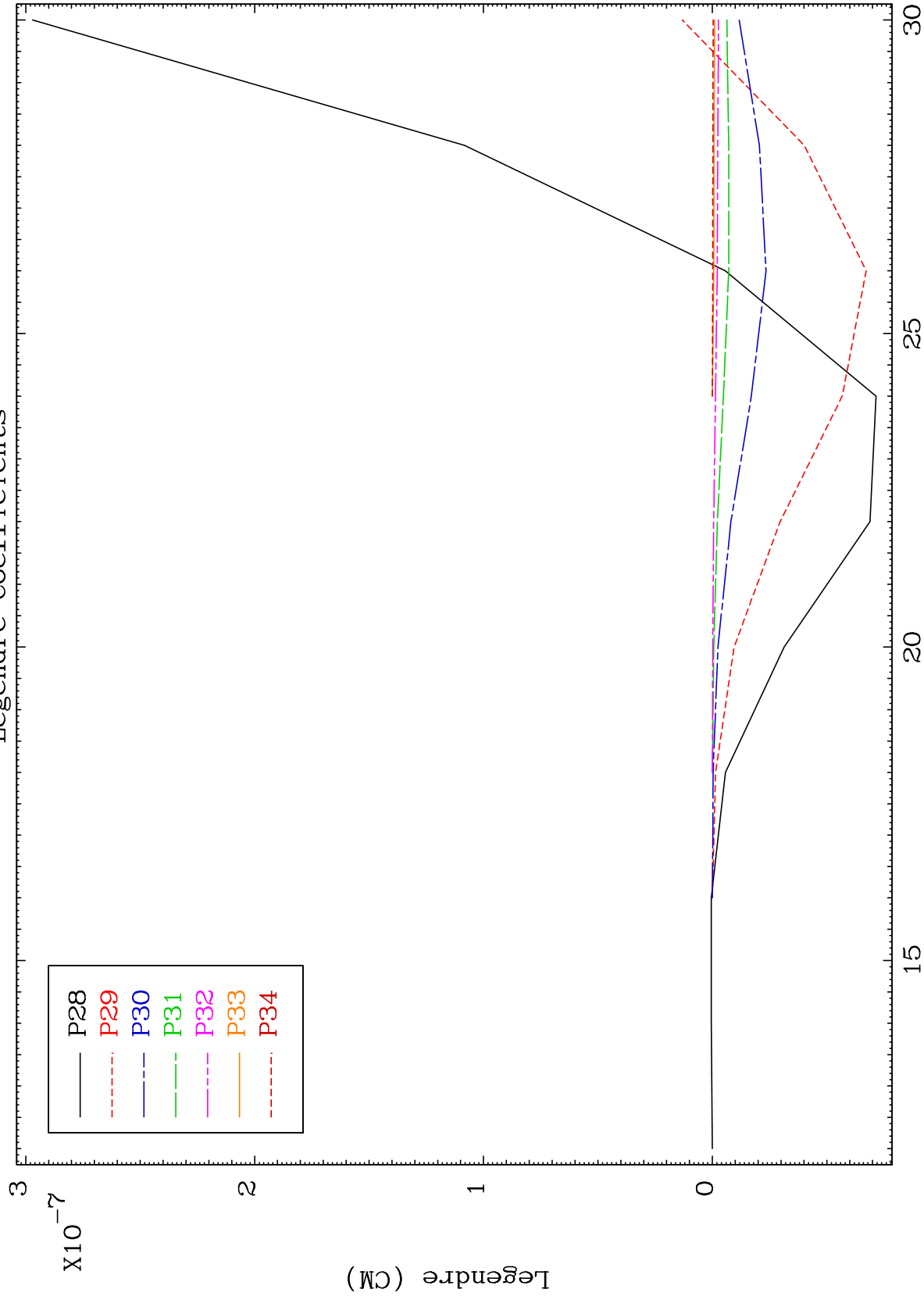
Incident Energy (MeV)

53-I -114

MAT 5286

Elastic Legendre Coefficients

53-I -114



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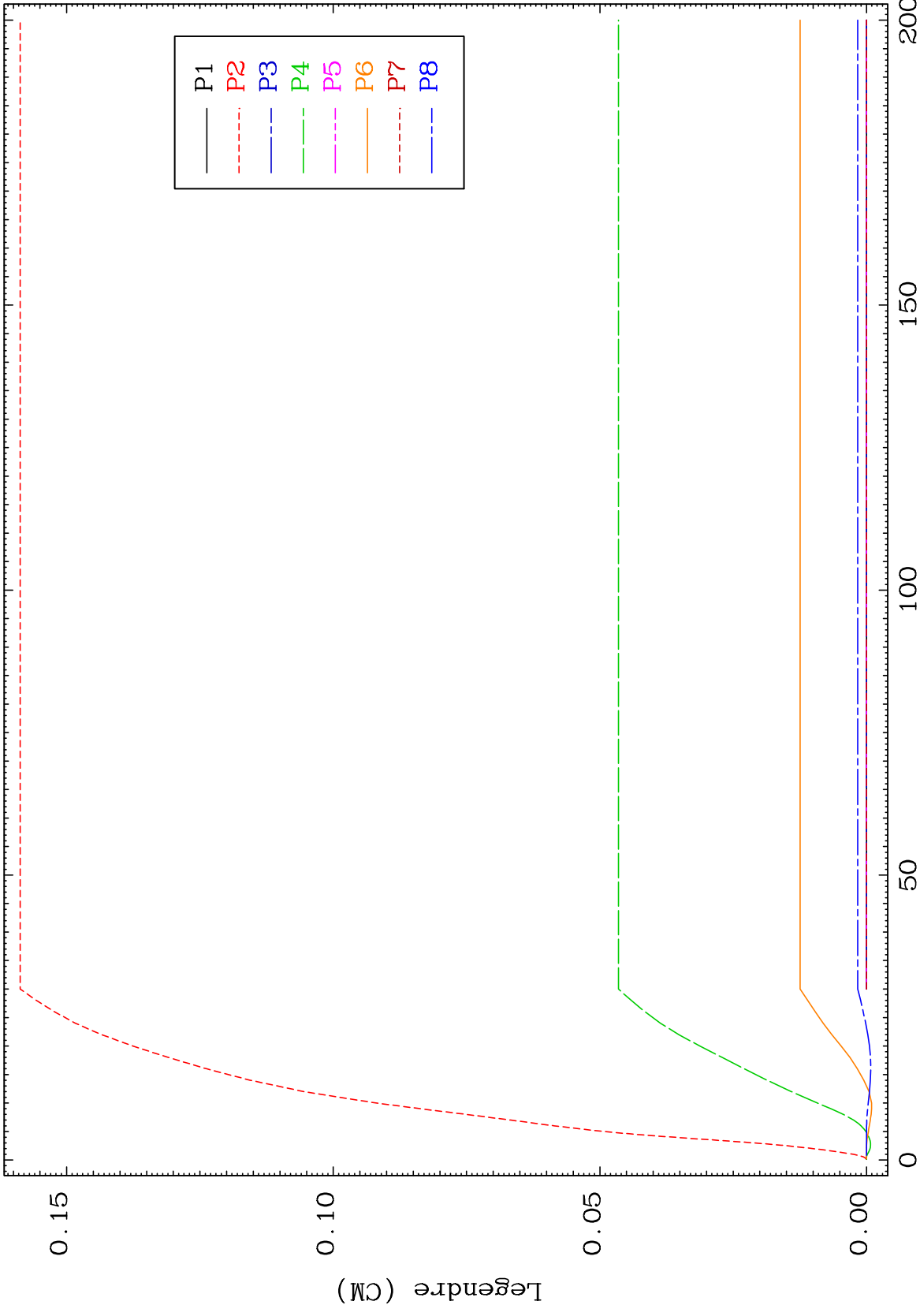
Incident Energy (MeV)

53-I -114

MAT 5286

MT= 51 (n,n') Level
Legendre Coefficients

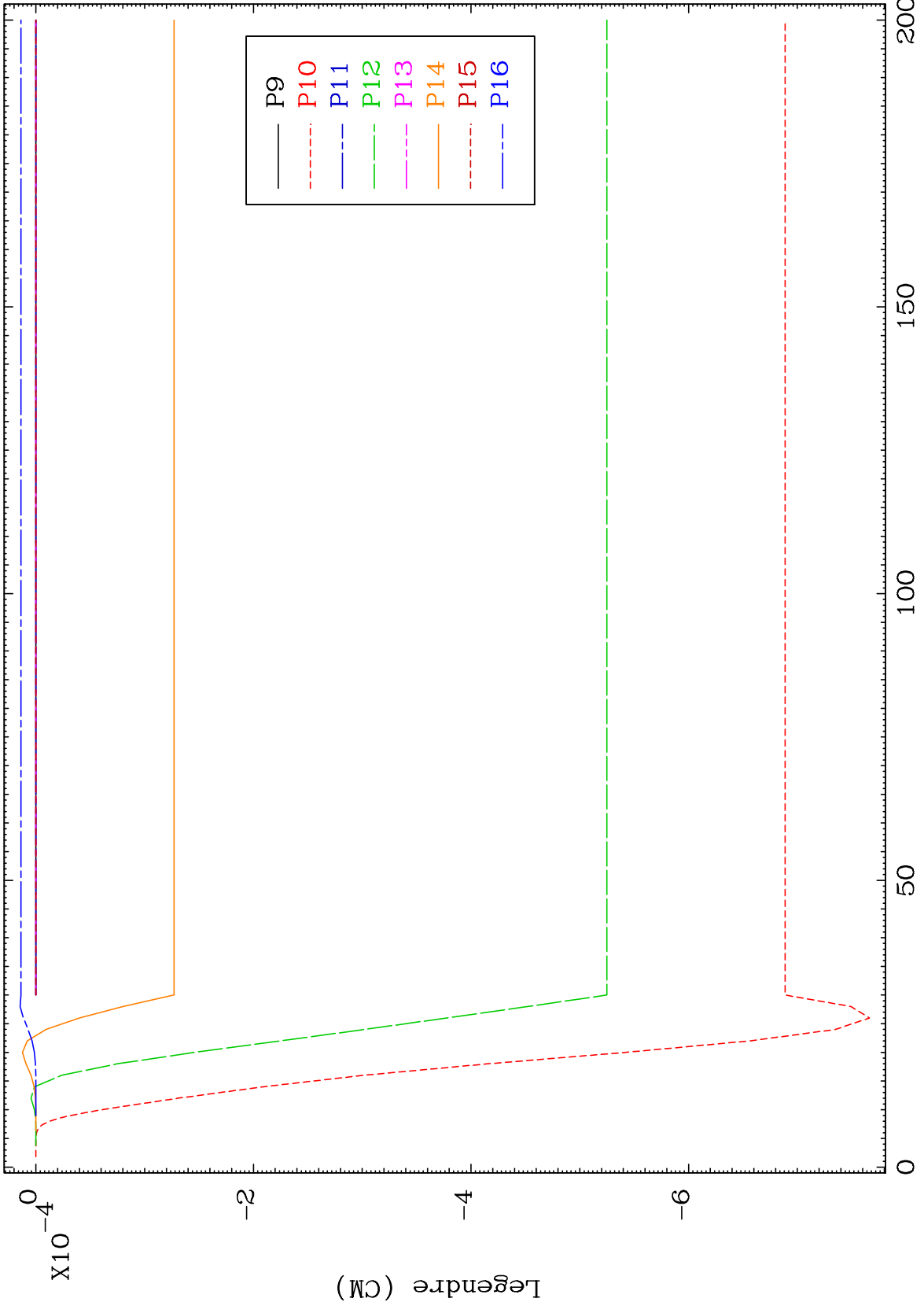
53-I -114



53-I -114

Incident Energy (MeV)

MAT 5286 MT= 51 (n,n') Level Legendre Coefficients 53-I -114

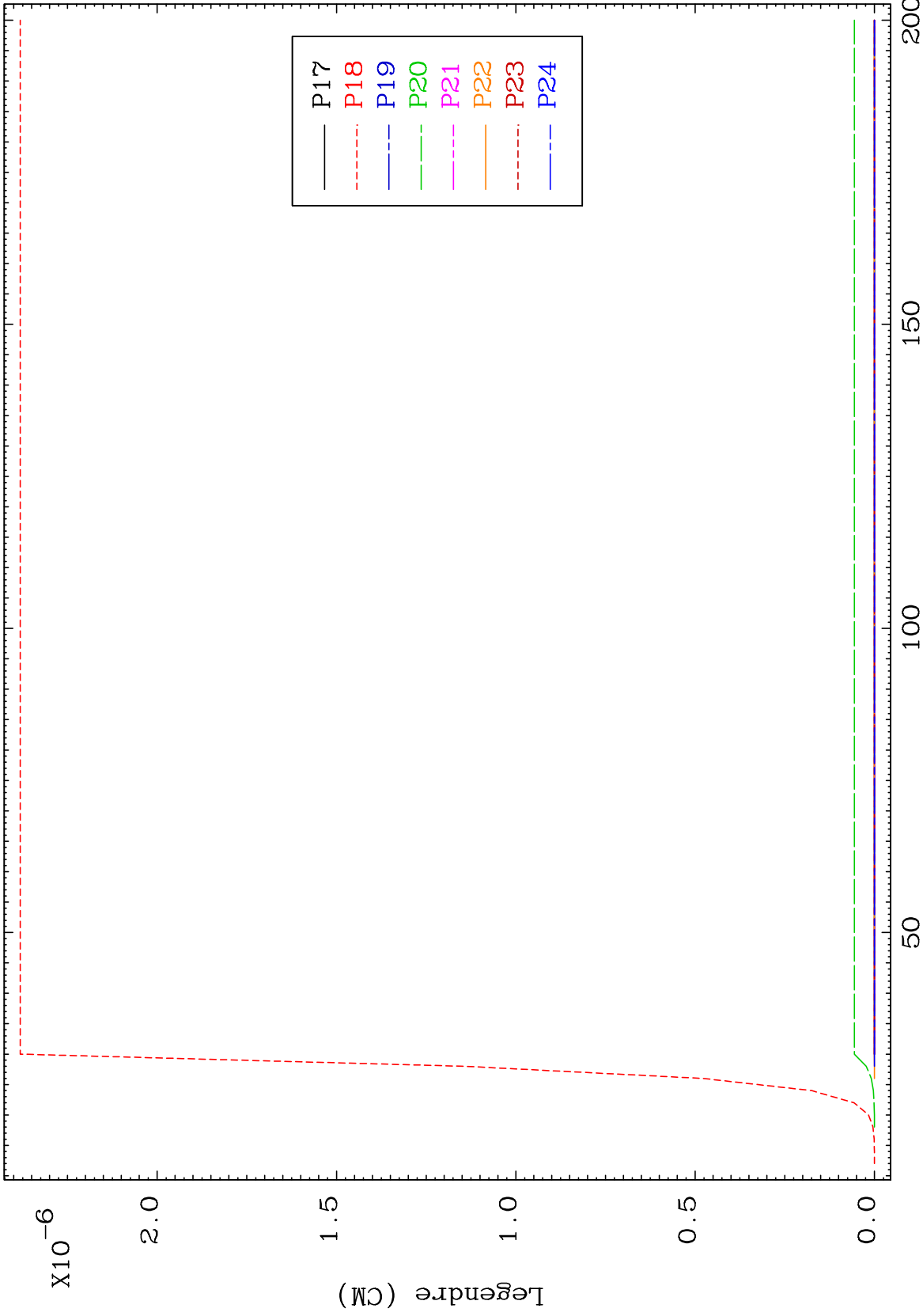


21 Incident Energy (MeV) 53-I -114

MAT 5286

MT= 51 (n,n') Level
Legendre Coefficients

53-I -114



22

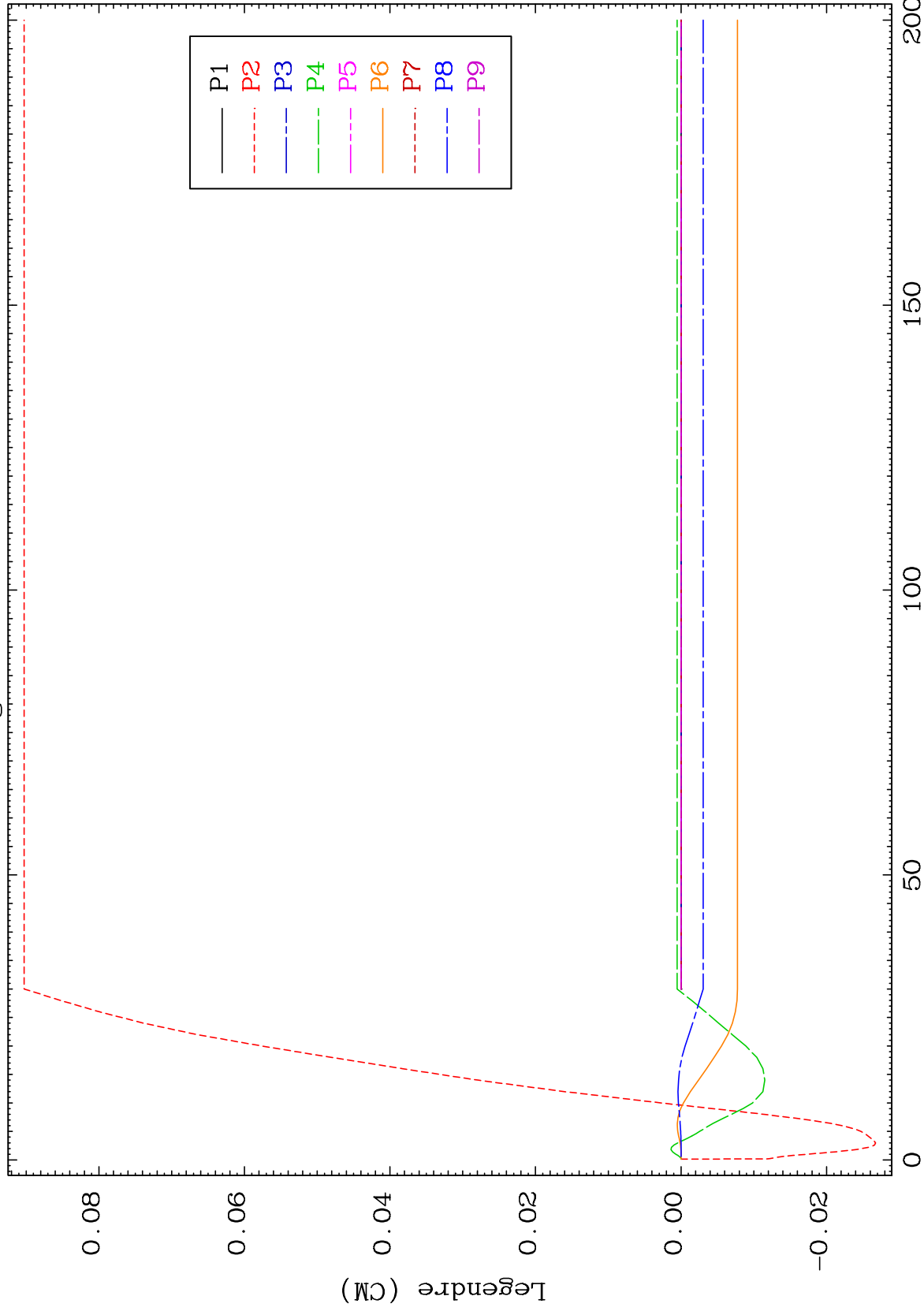
Incident Energy (MeV)

53-I -114

MAT 5286

MT= 52 (n,n') Level
Legendre Coefficients

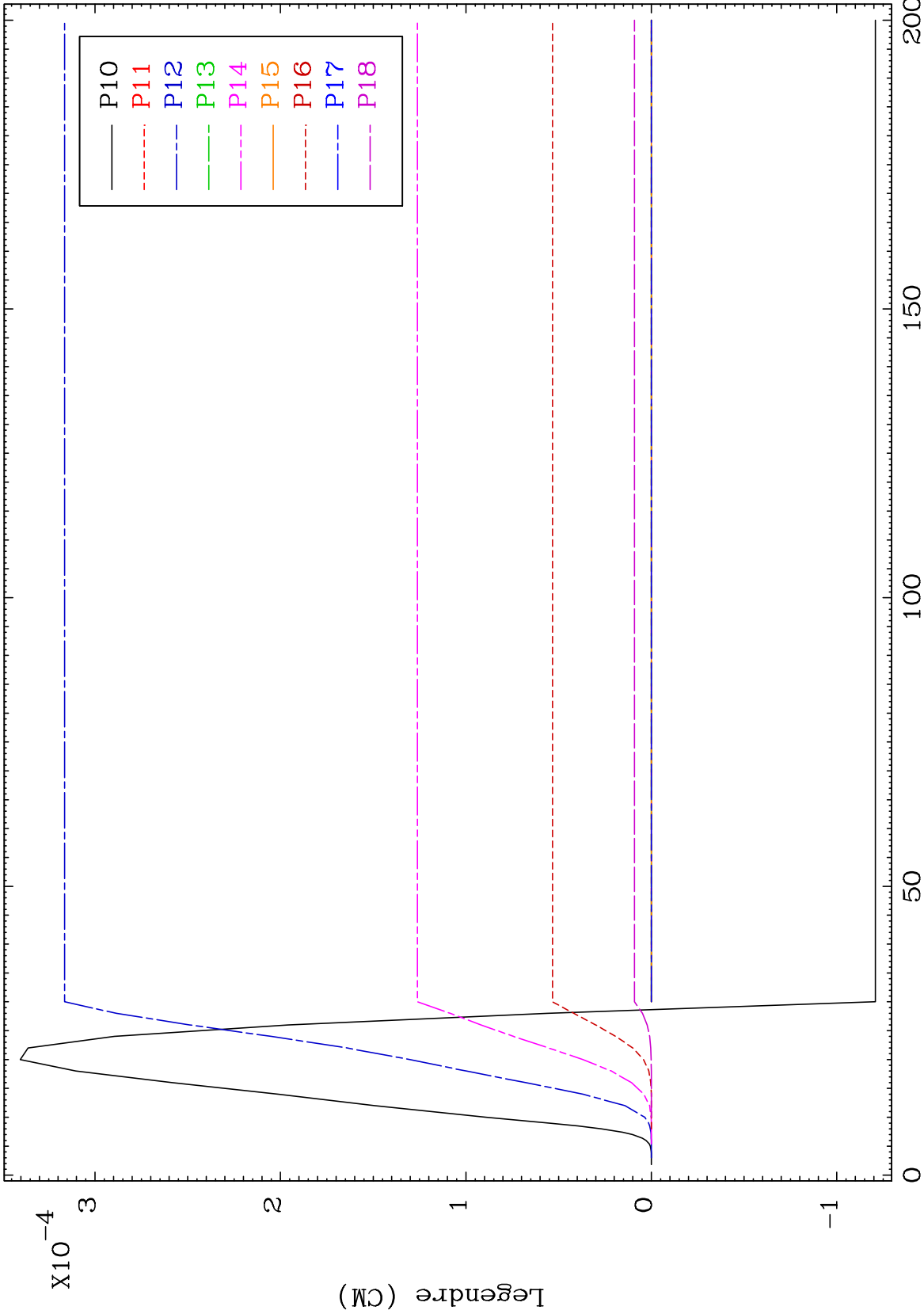
53-I -114



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Incident Energy (MeV)

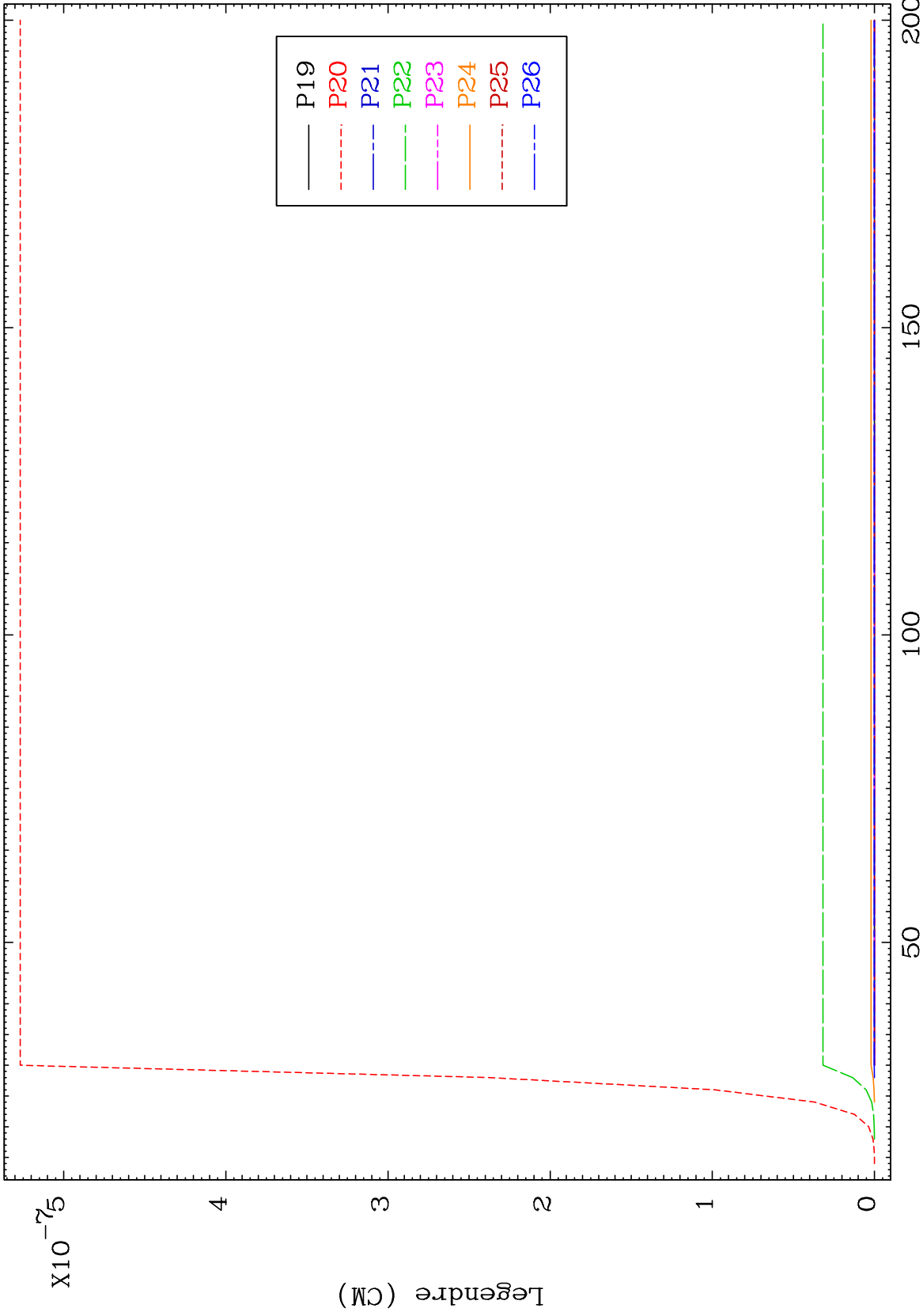
53-I -114



MAT 5286

MT= 52 (n,n') Level
Legendre Coefficients

53-I -114



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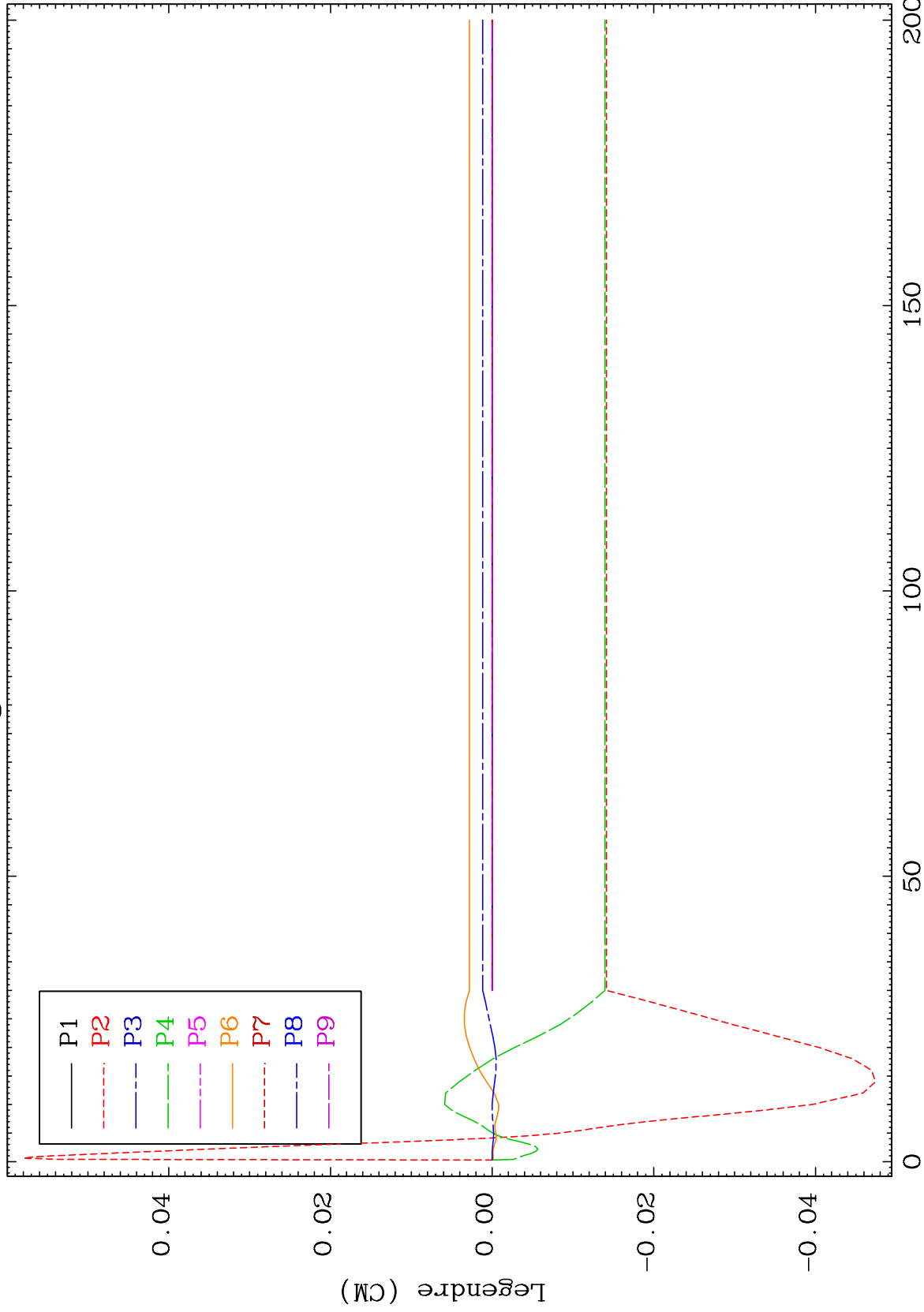
Incident Energy (MeV)

53-I -114

MAT 5286

MT= 53 (n,n') Level
Legendre Coefficients

53-I -114



26

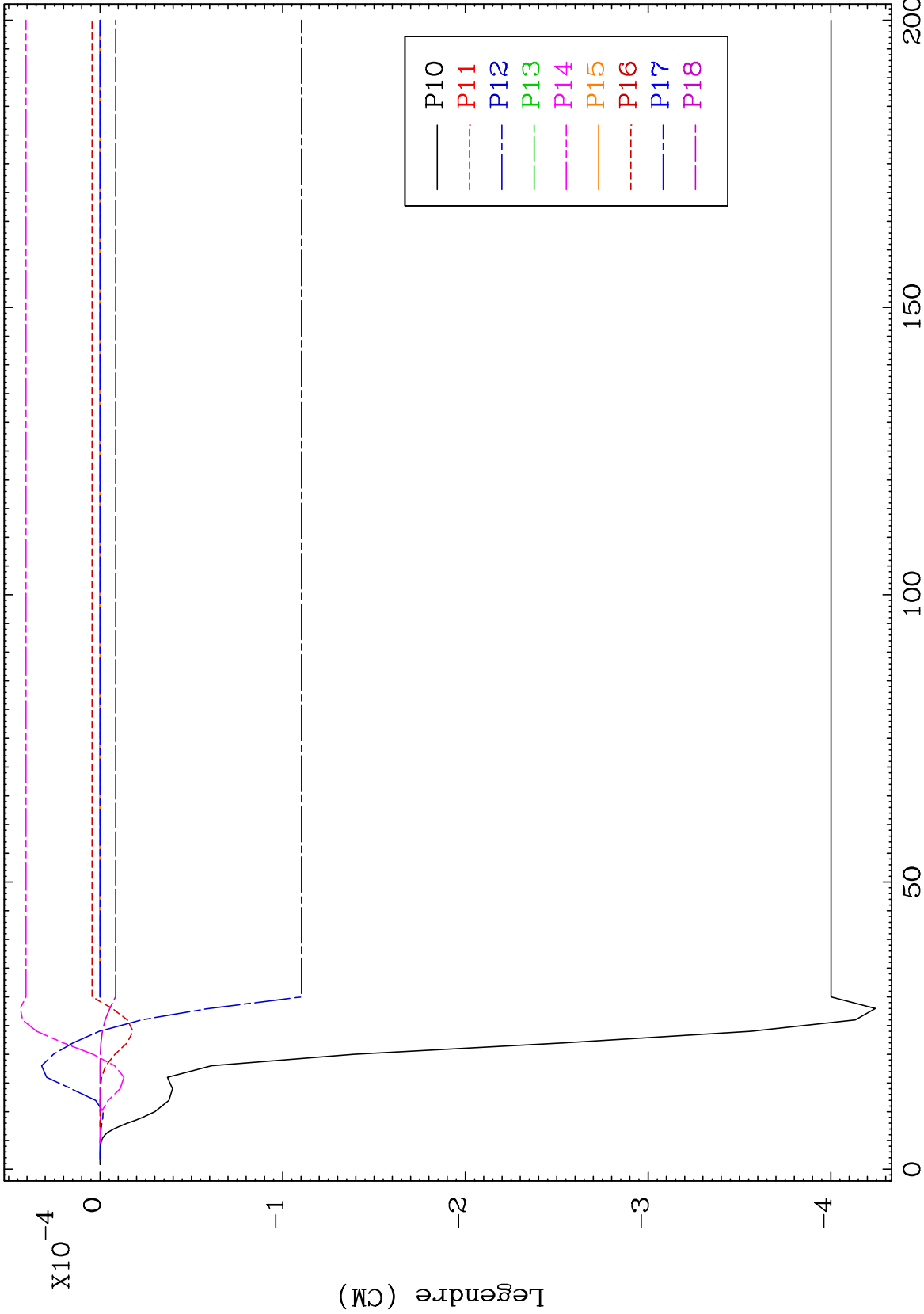
Incident Energy (MeV)

53-I -114

MAT 5286

MT= 53 (n,n') Level
Legendre Coefficients

53-I -114



27

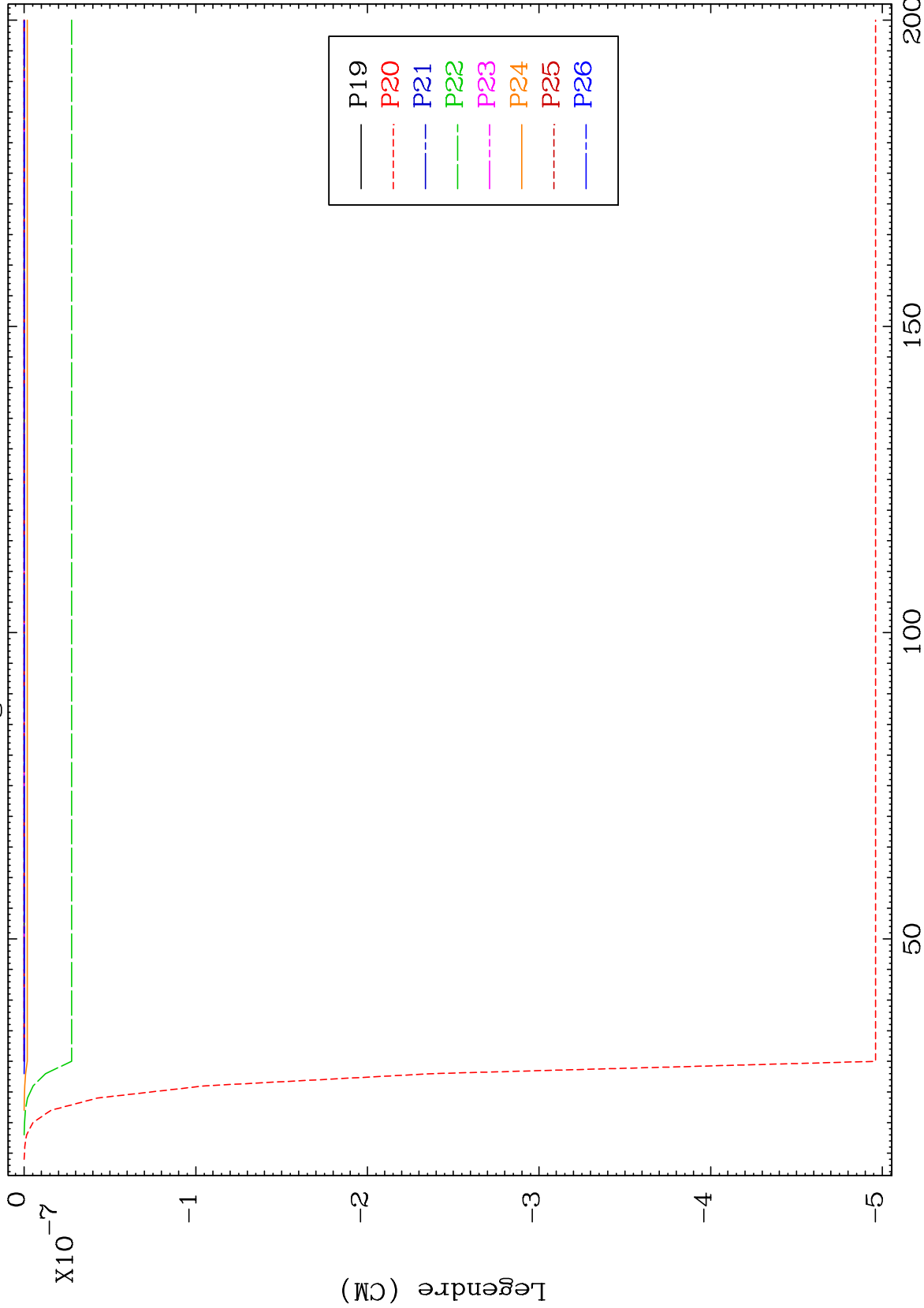
Incident Energy (MeV)

53-I -114

MAT 5286

MT= 53 (n,n') Level
Legendre Coefficients

53-I -114



28

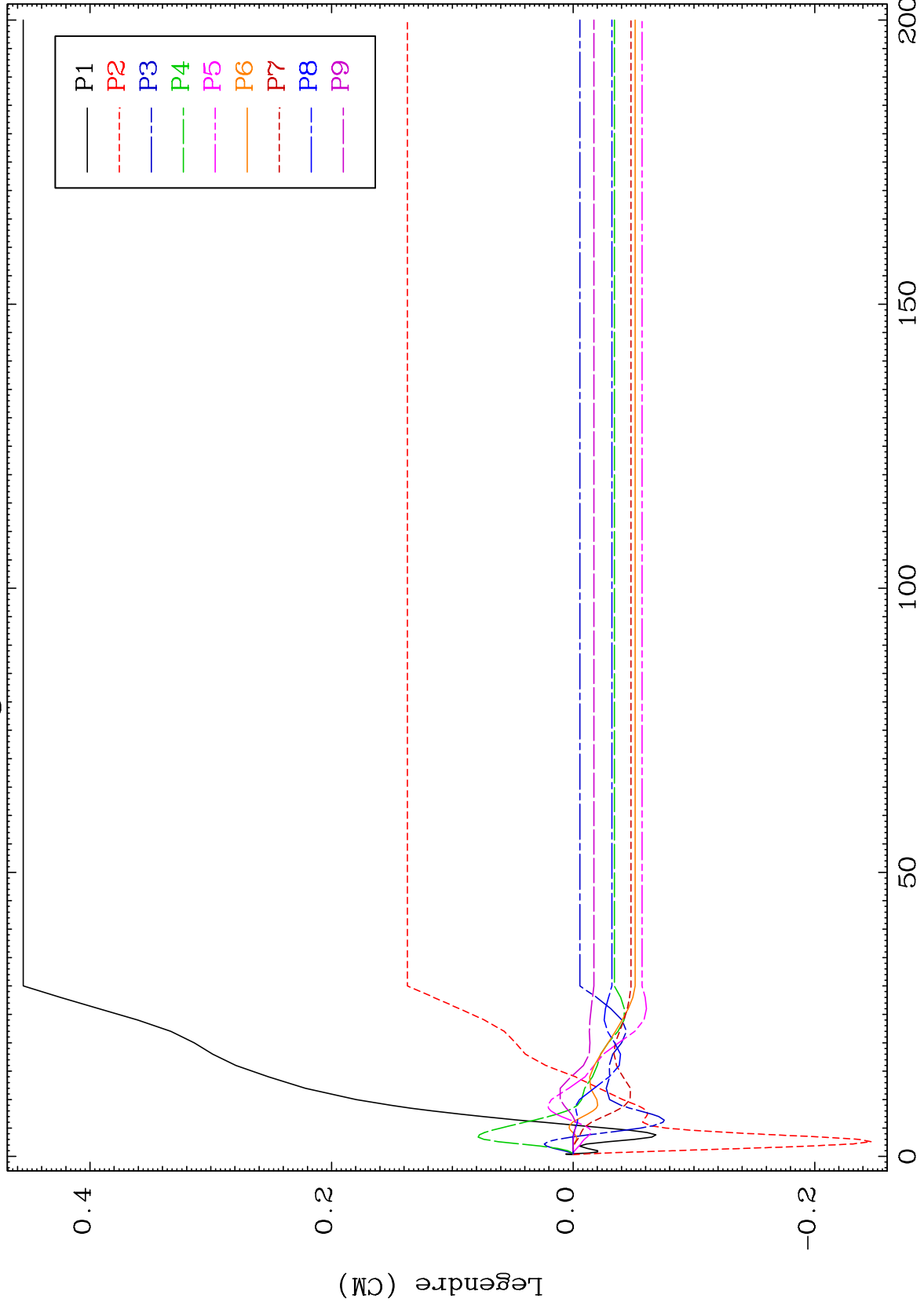
Incident Energy (MeV)

53-I -114

MAT 5286

MT= 54 (n,n') Level
Legendre Coefficients

53-I -114



29

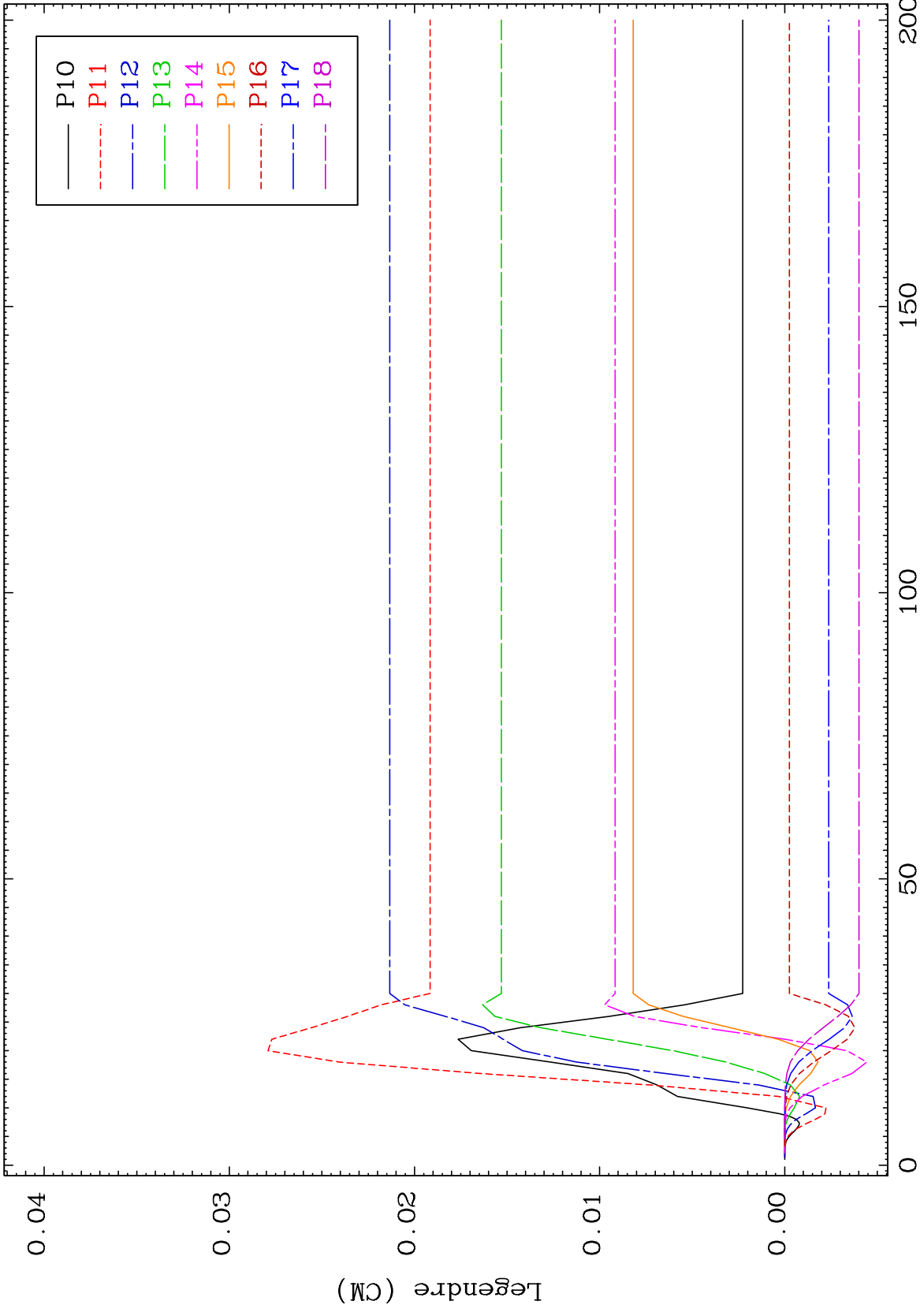
Incident Energy (MeV)

53-I -114

MAT 5286

MT= 54 (n,n') Level
Legendre Coefficients

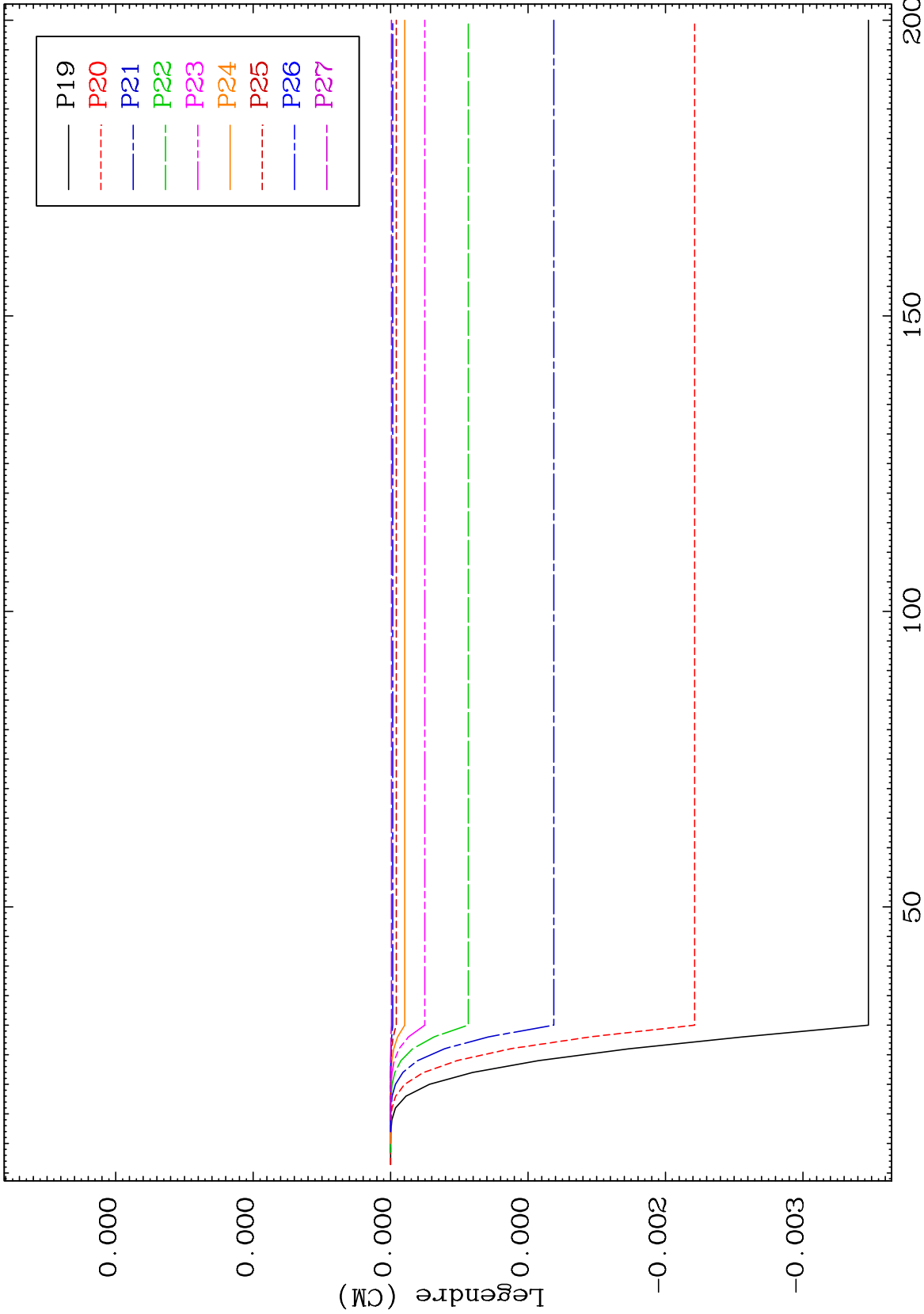
53-I -114



53-I -114

Incident Energy (MeV)

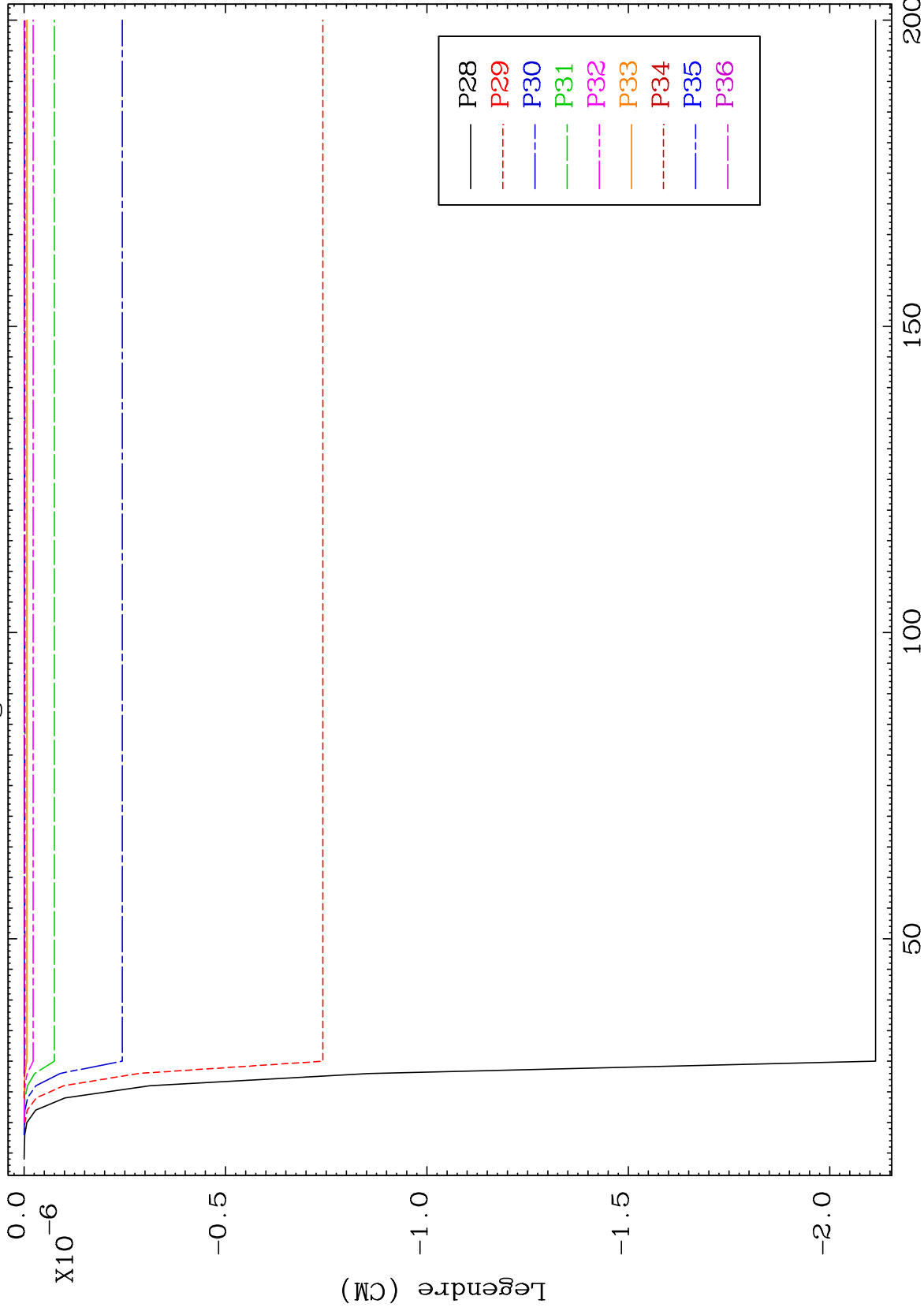
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MAT 5286

MT= 54 (n,n') Level
Legendre Coefficients

53-I -114



32

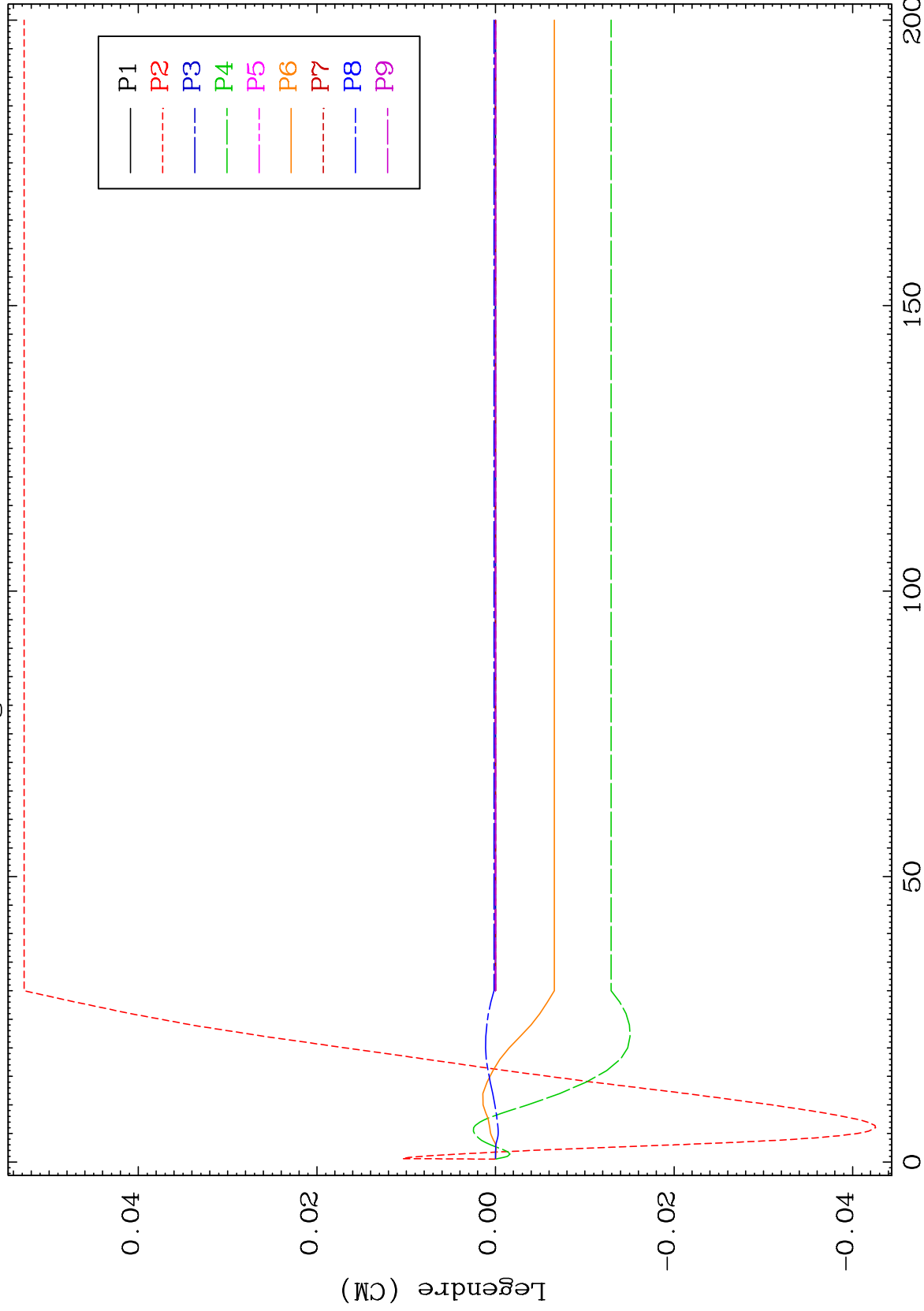
Incident Energy (MeV)

53-I -114

MAT 5286

MT= 55 (n,n') Level
Legendre Coefficients

53-I -114



33

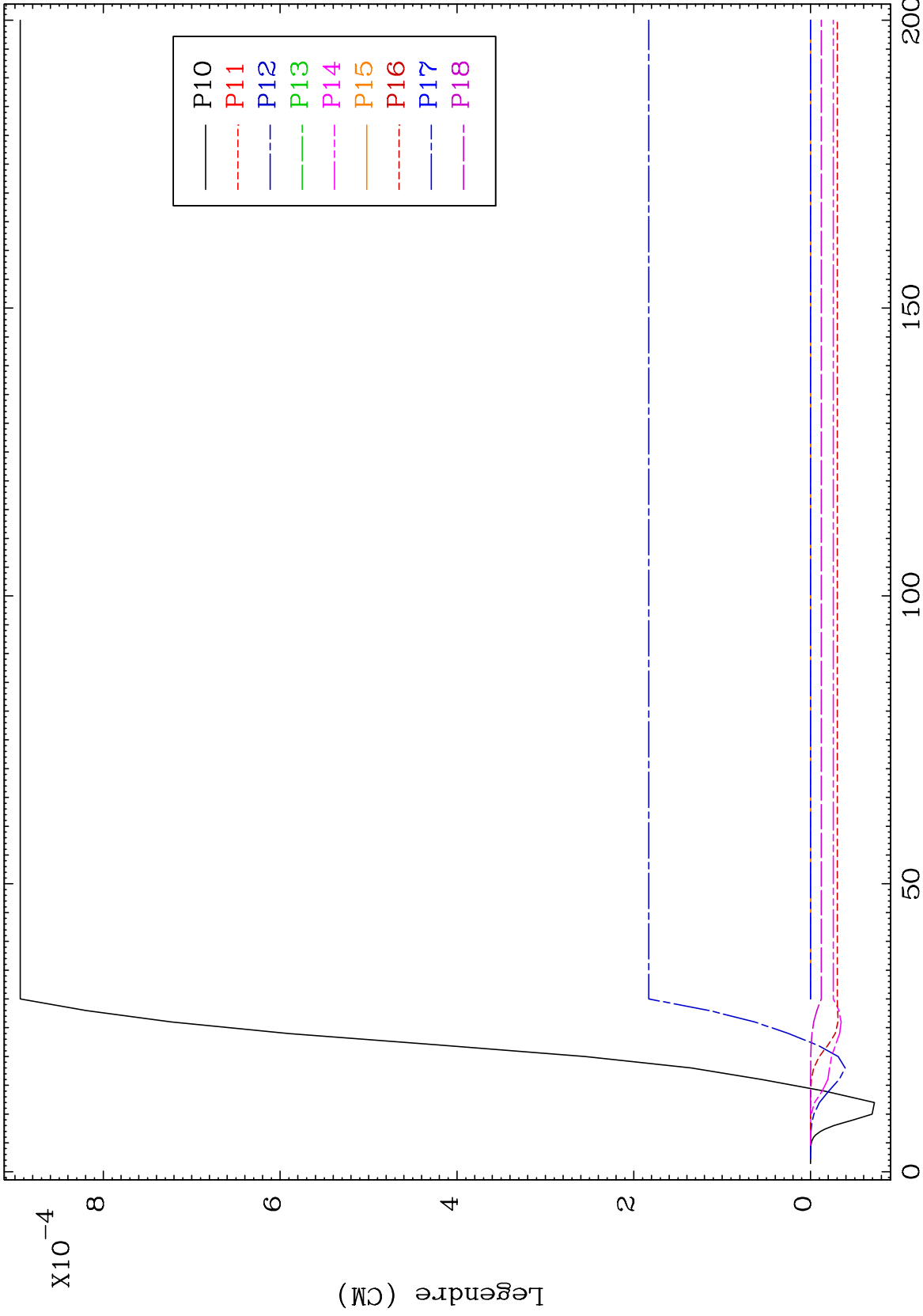
Incident Energy (MeV)

53-I -114

MAT 5286

MT= 55 (n,n') Level
Legendre Coefficients

53-I -114



34

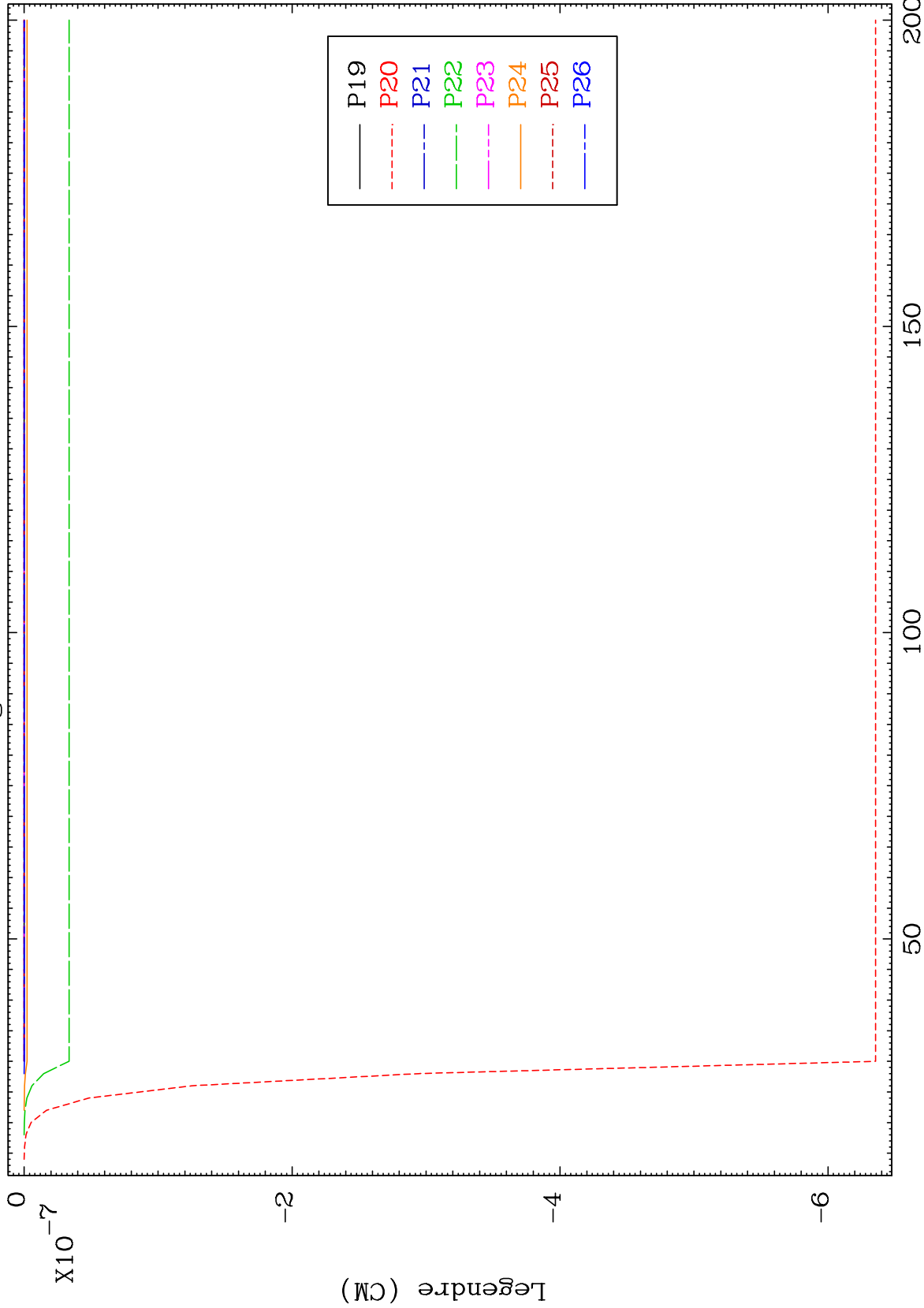
Incident Energy (MeV)

53-I -114

MAT 5286

MT= 55 (n,n') Level
Legendre Coefficients

53-I -114



35

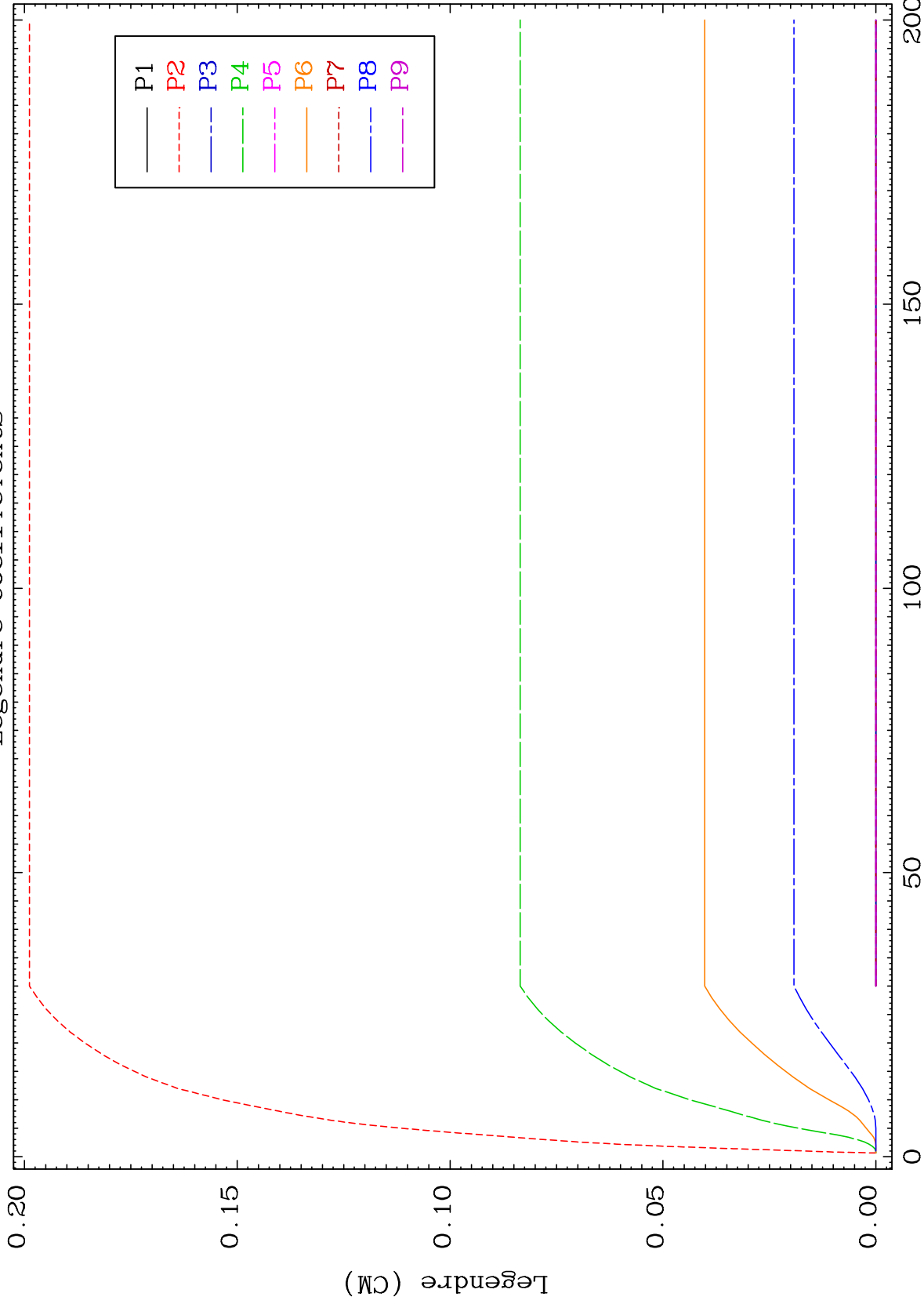
Incident Energy (MeV)

53-I -114

MAT 5286

MT= 56 (n,n') Level
Legendre Coefficients

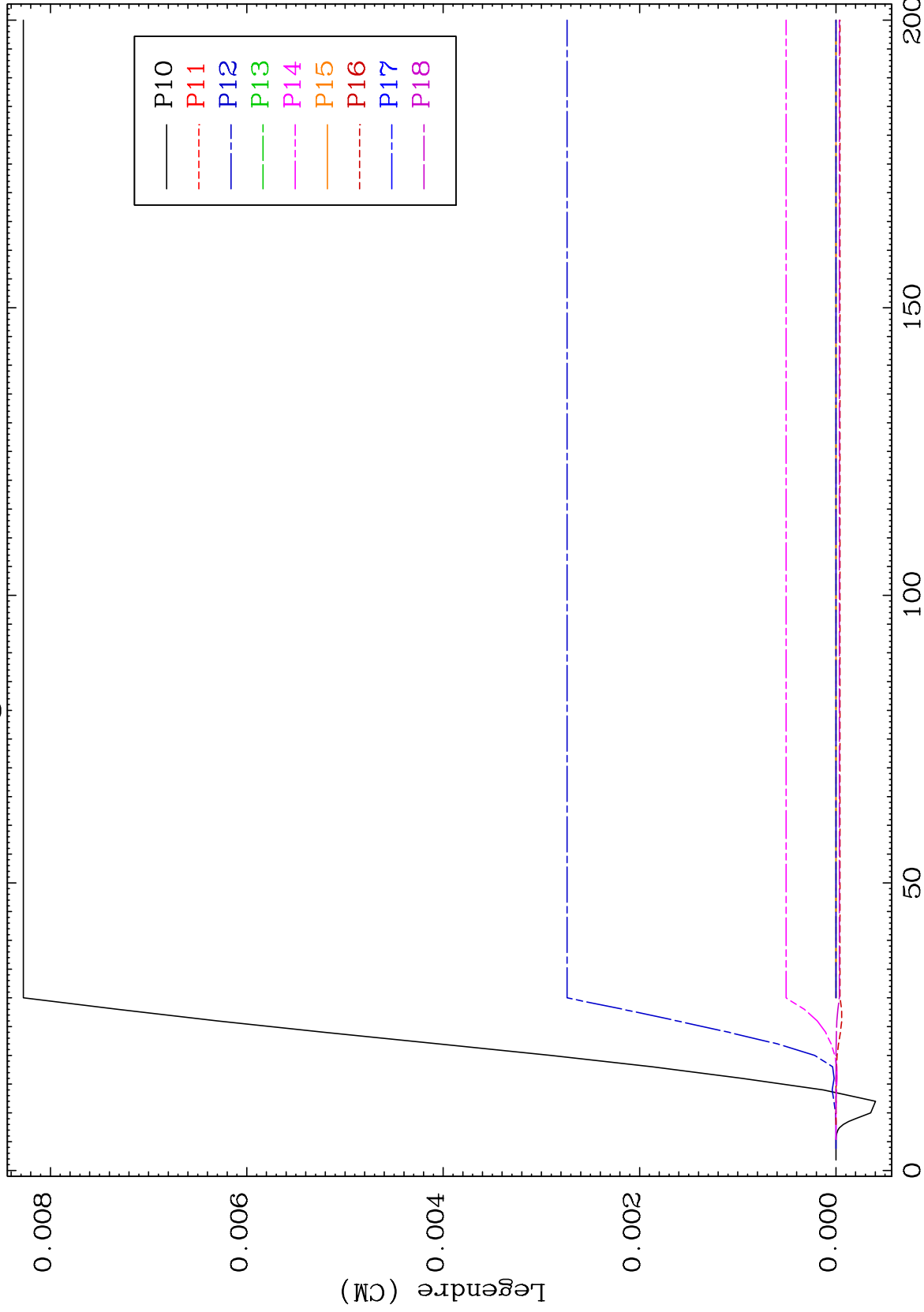
53-I -114



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Incident Energy (MeV)

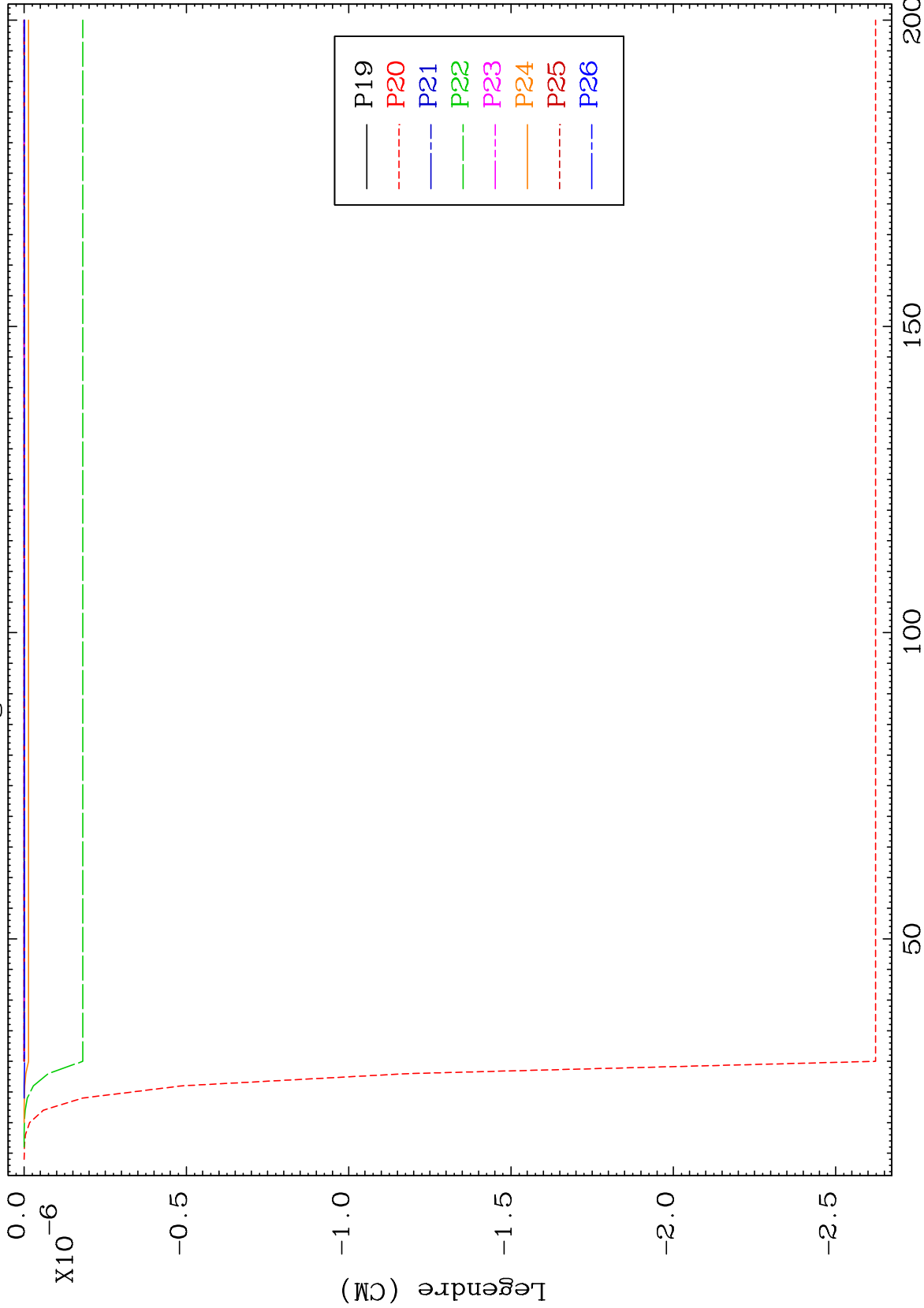
53-I -114



MAT 5286

MT= 56 (n,n') Level
Legendre Coefficients

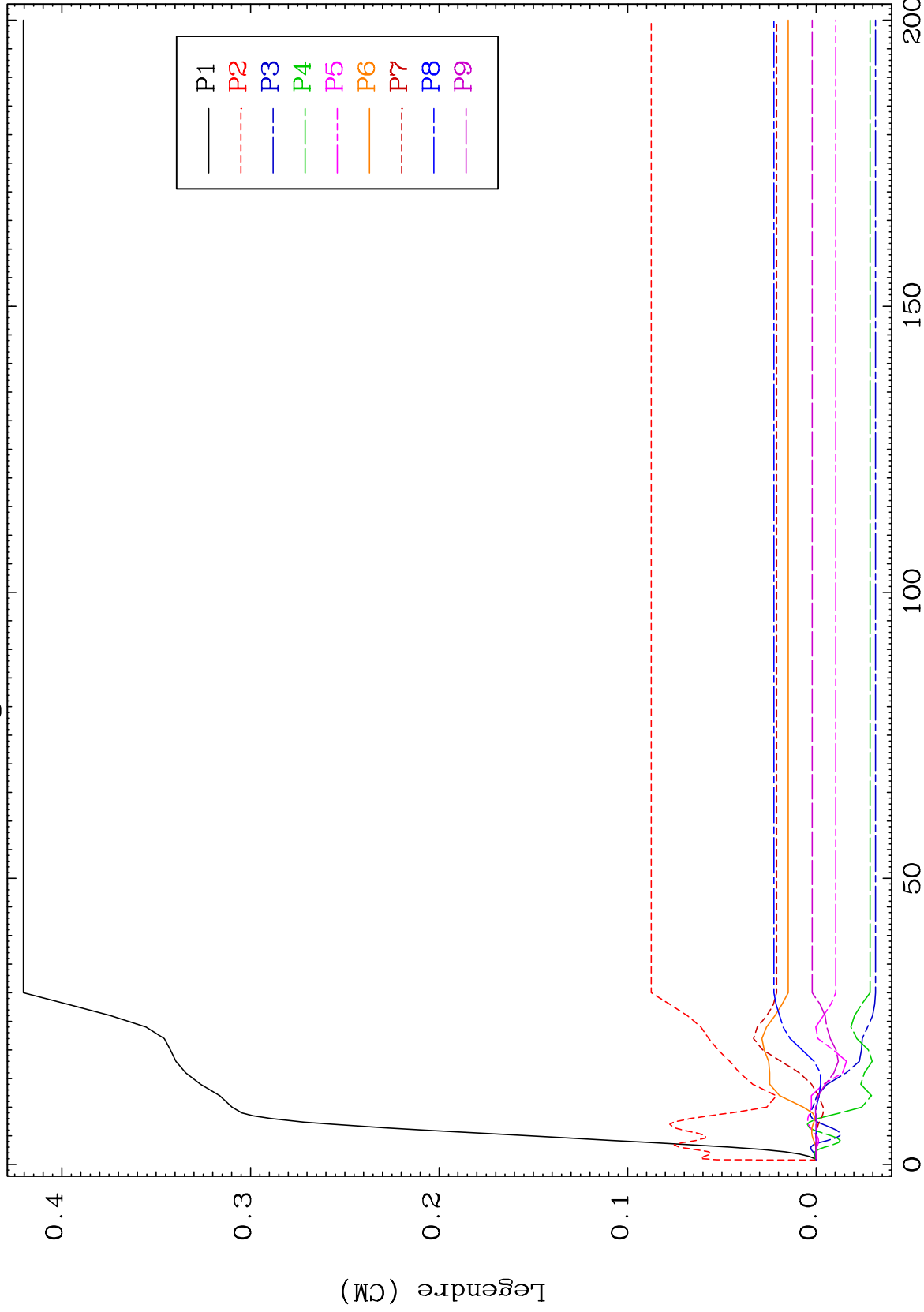
53-I -114



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Incident Energy (MeV)

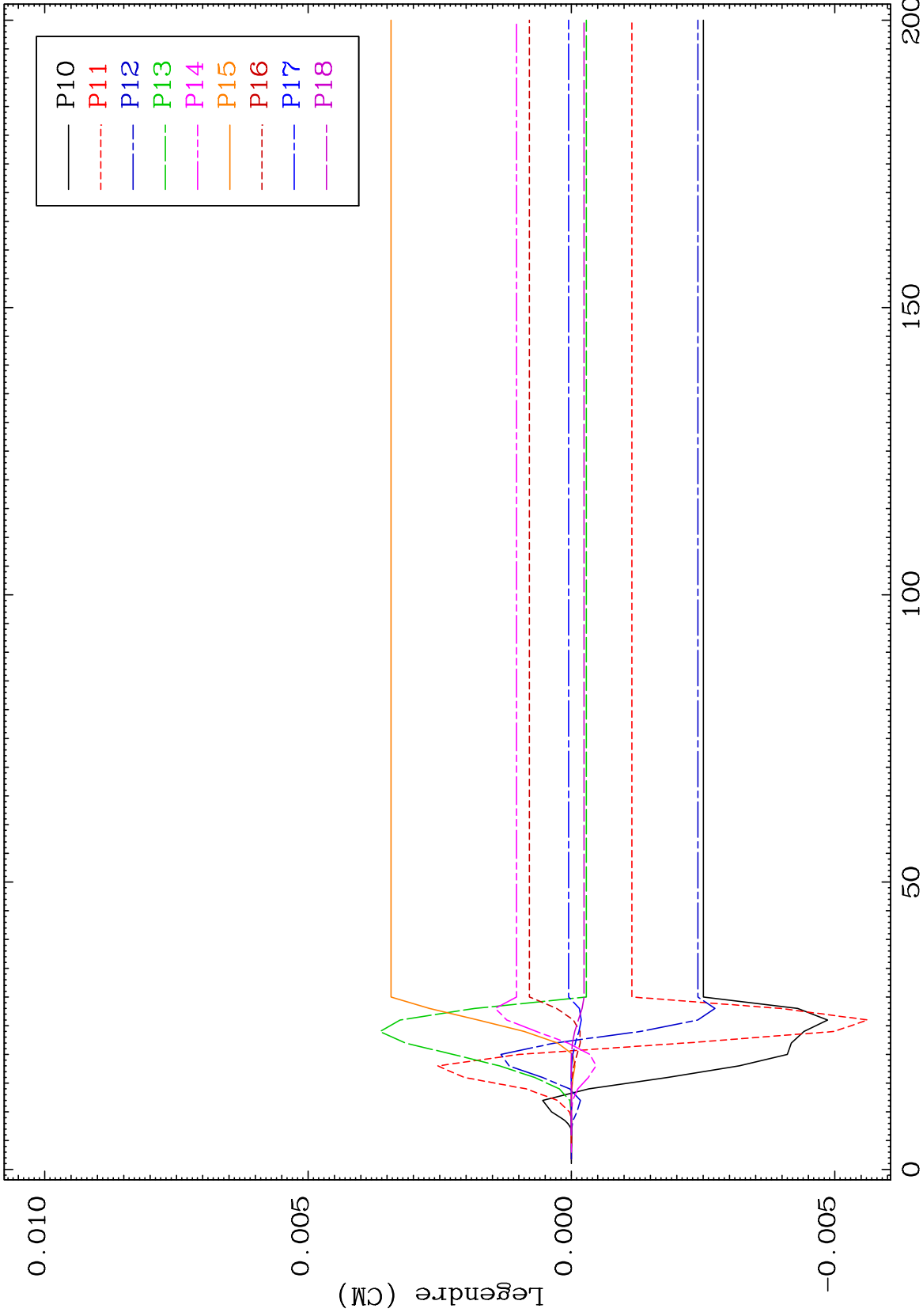
53-I -114



MAT 5286

MT= 57 (n,n') Level
Legendre Coefficients

53-I -114



40

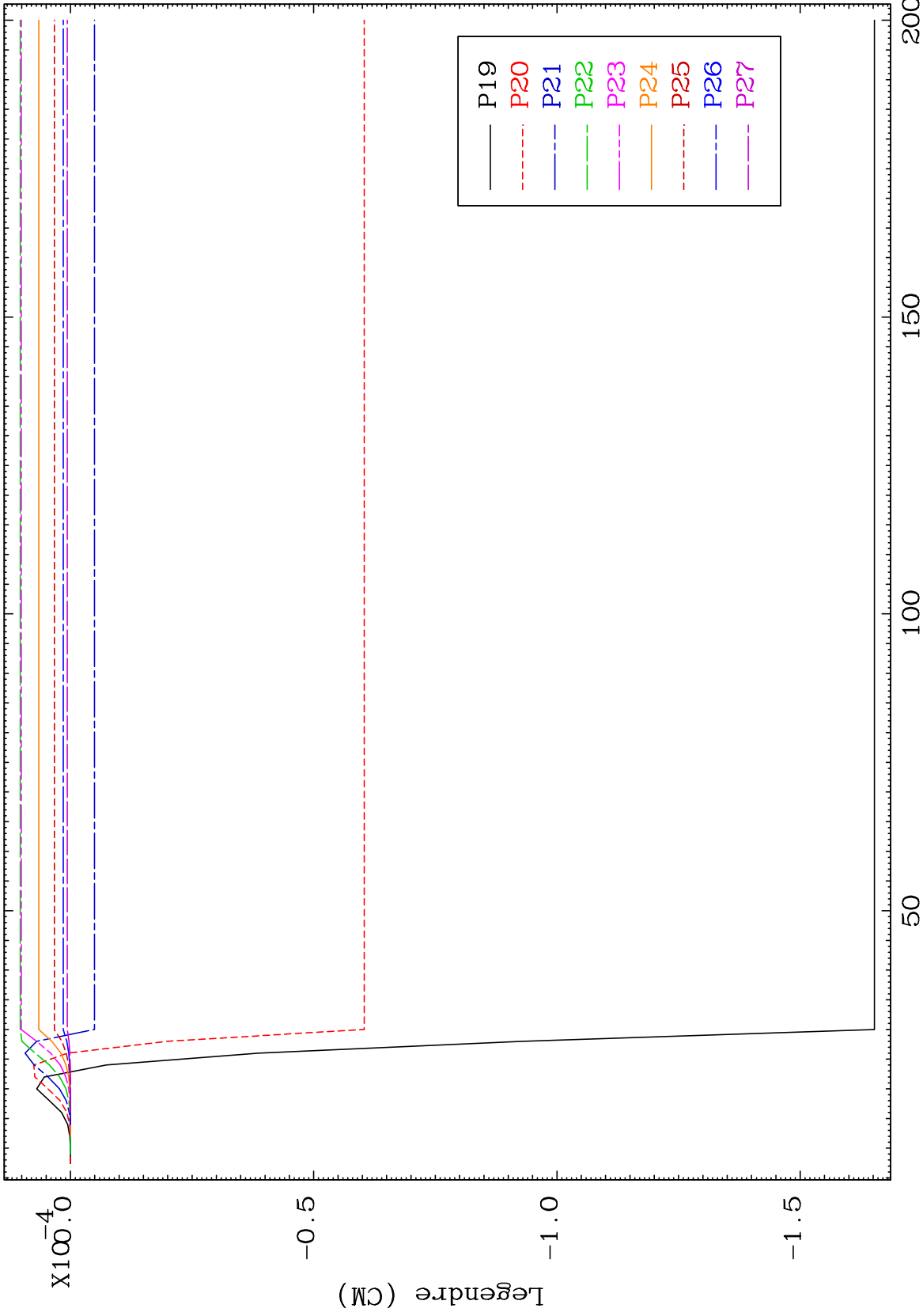
Incident Energy (MeV)

53-I -114

MAT 5286

MT= 57 (n,n') Level
Legendre Coefficients

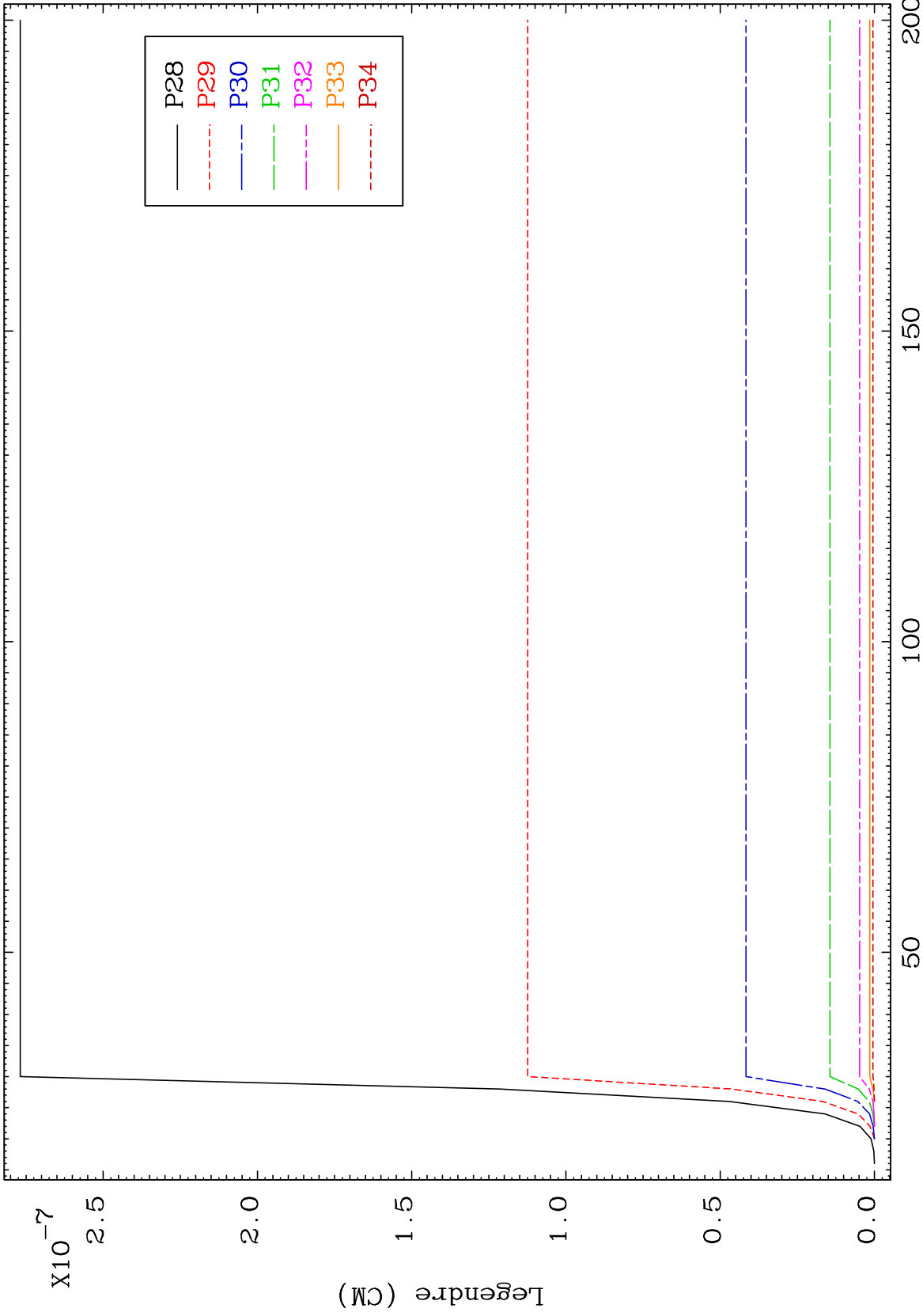
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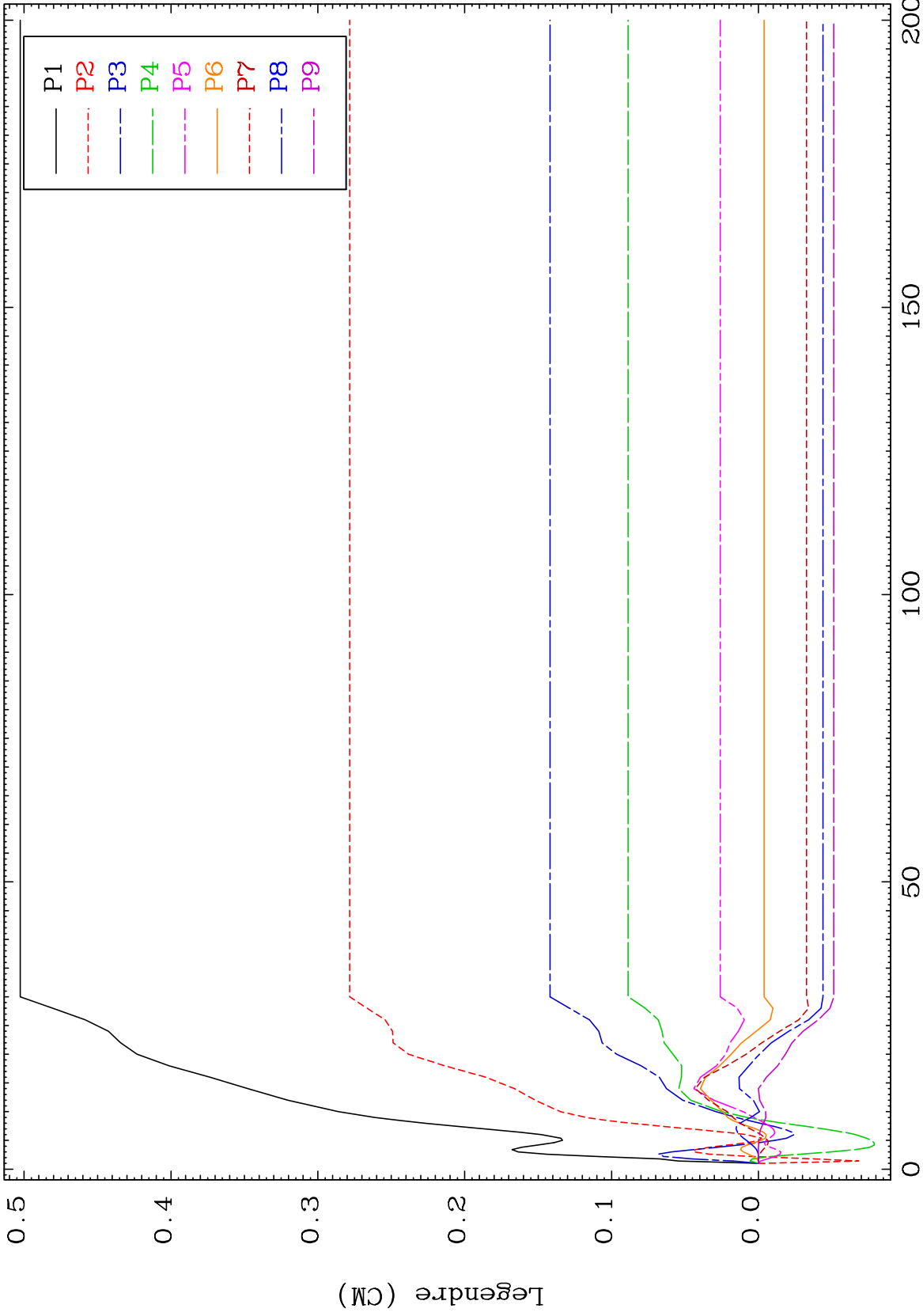


41

Incident Energy (MeV)

53-I -114

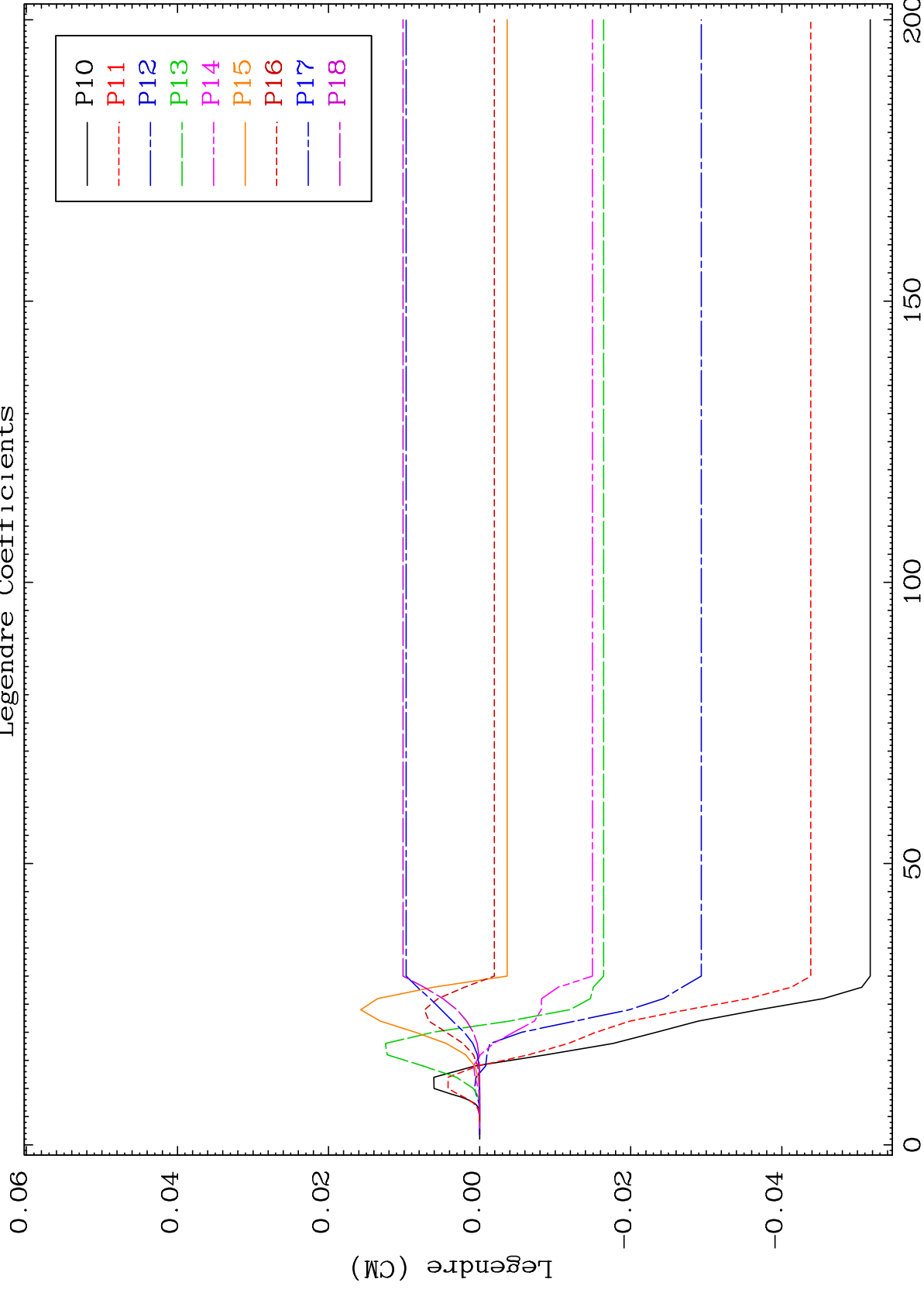




MAT 5286

MT= 58 (n,n') Level
Legendre Coefficients

53-I -114



44

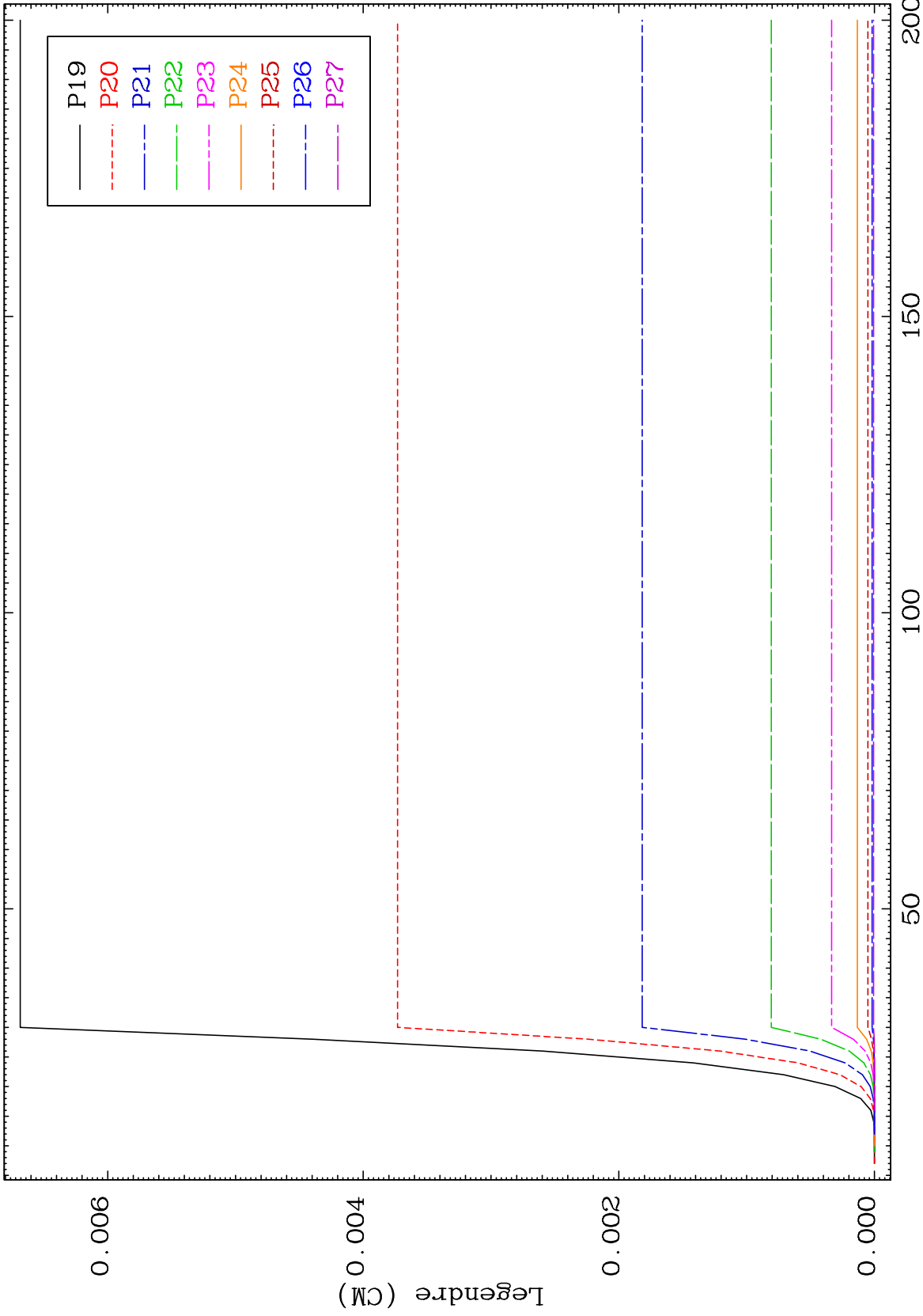
Incident Energy (MeV)

53-I -114

MAT 5286

MT= 58 (n,n') Level
Legendre Coefficients

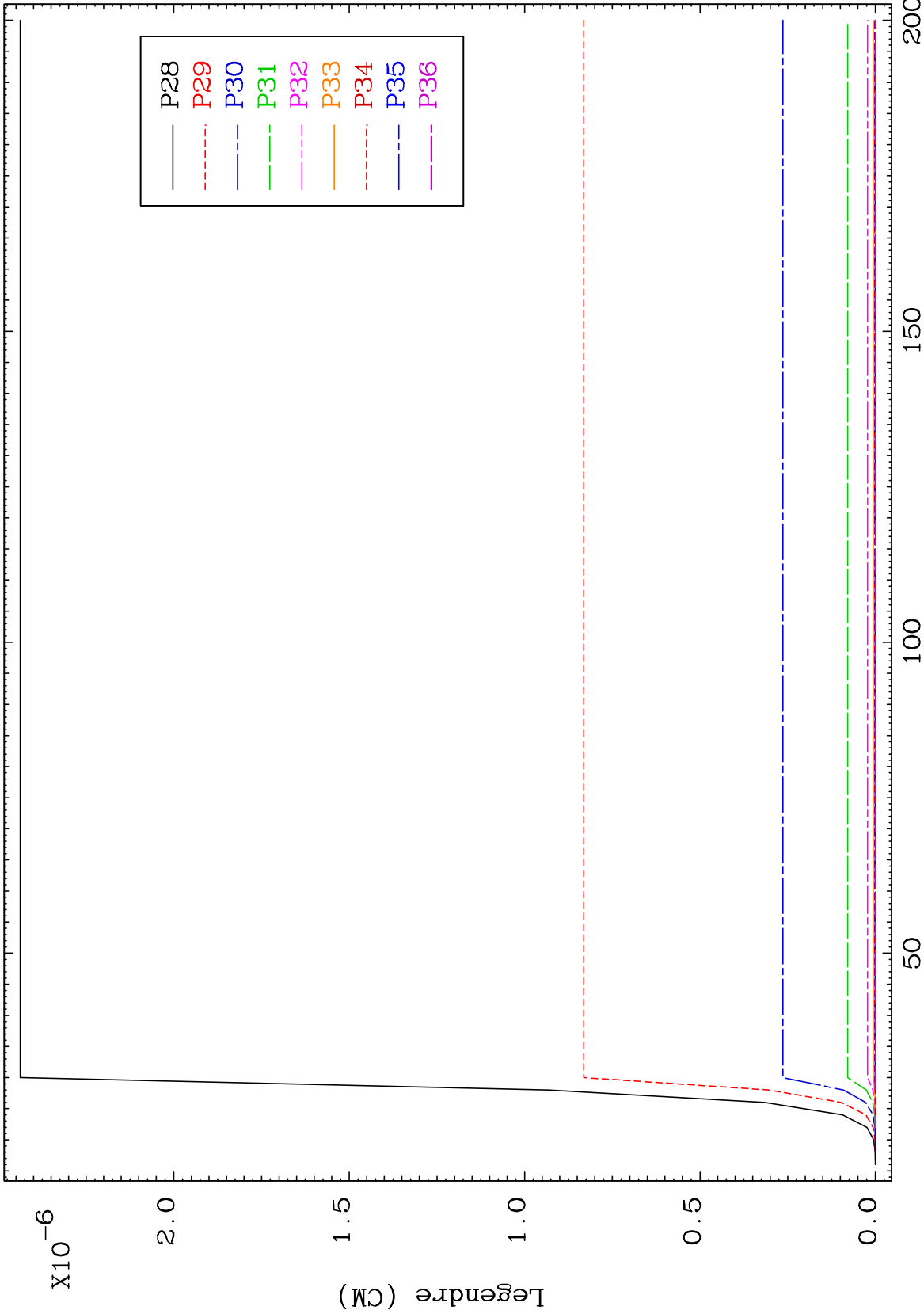
53-I -114



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Incident Energy (MeV)

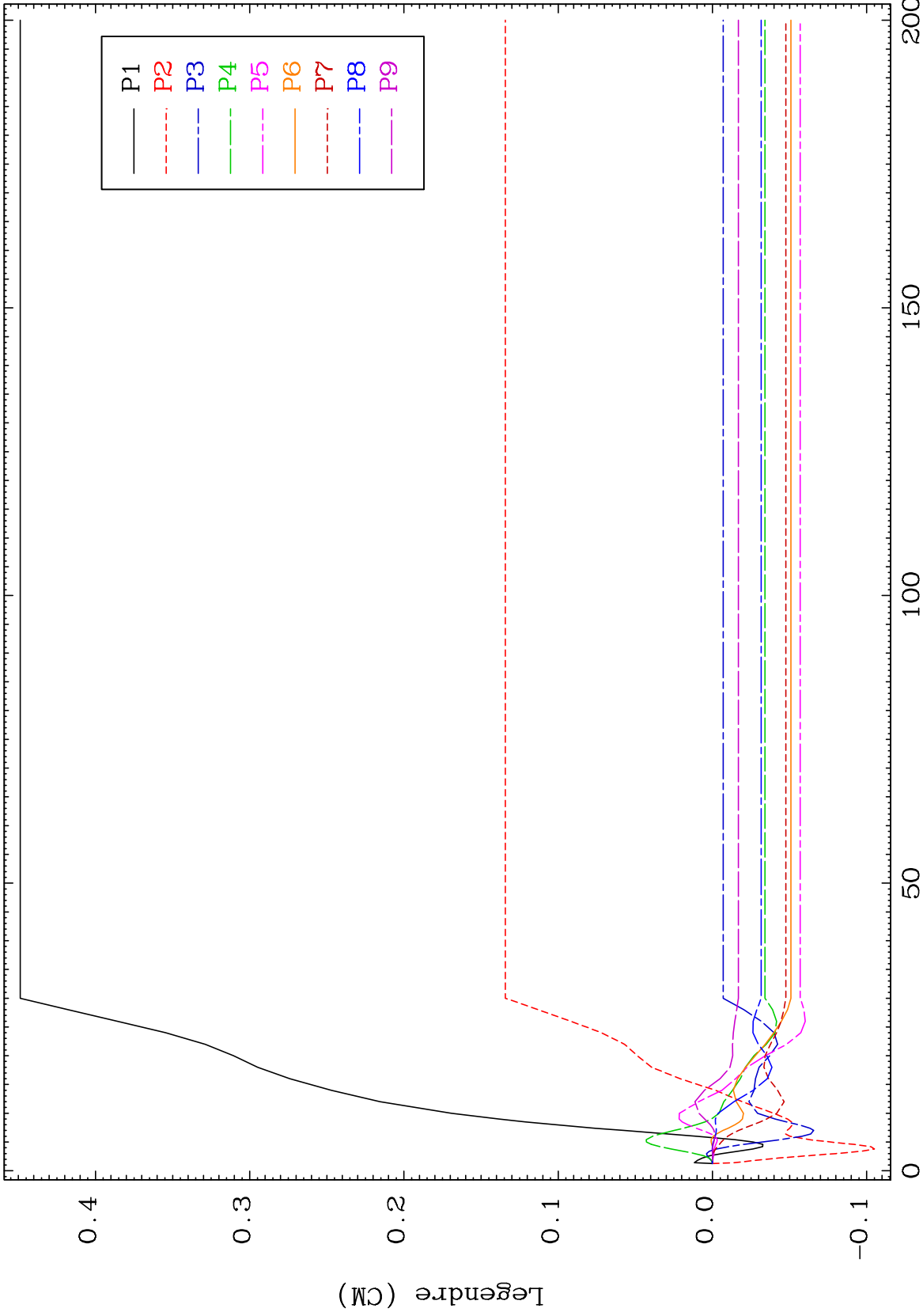
53-I -114



MAT 5286

MT= 59 (n,n') Level
Legendre Coefficients

53-I -114



47

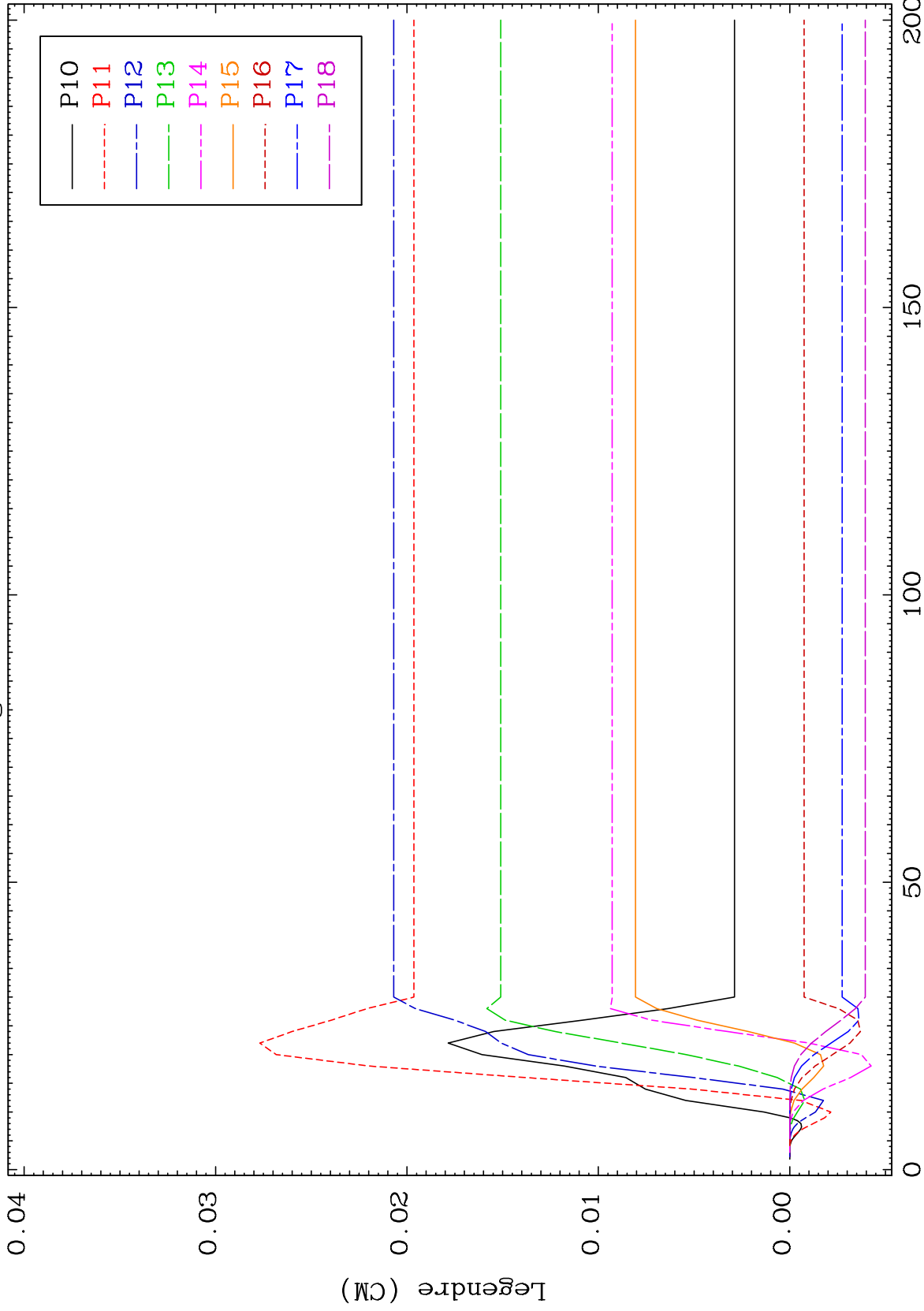
Incident Energy (MeV)

53-I -114

MAT 5286

MT= 59 (n,n') Level
Legendre Coefficients

53-I -114

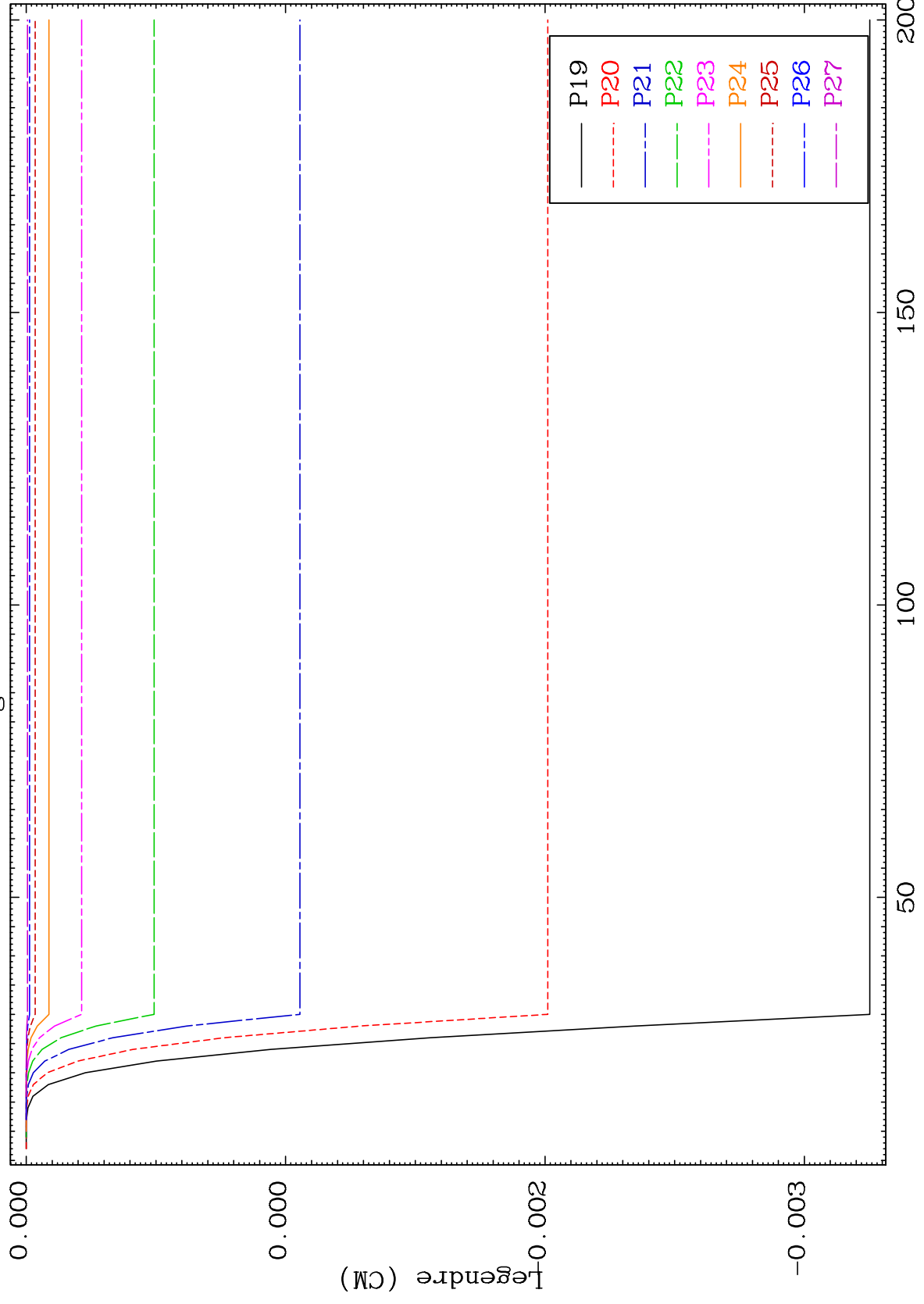


48

Incident Energy (MeV)

53-I -114

MAT 5286 MT= 59 (n,n') Level Legendre Coefficients 53-I -114

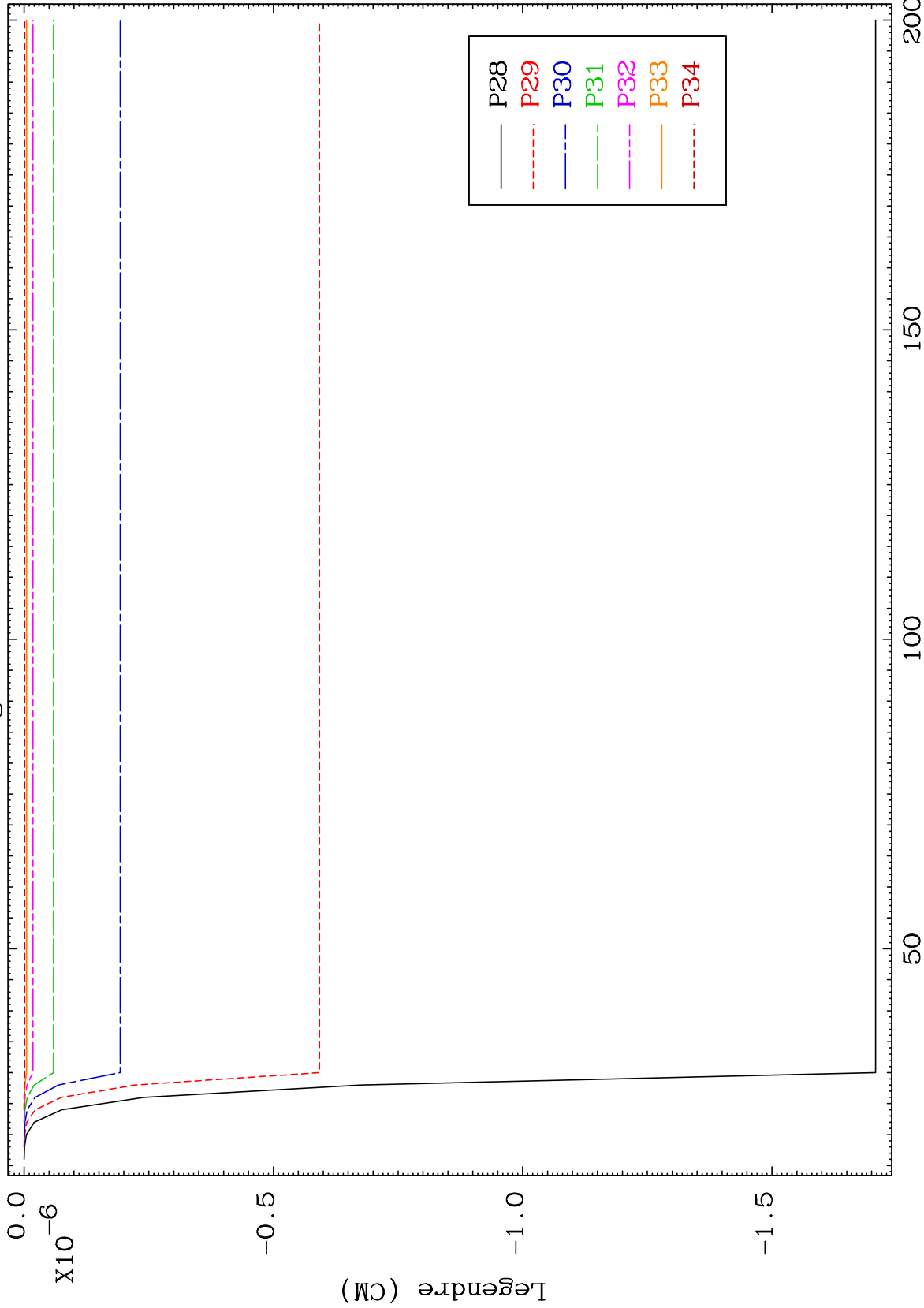


49 53-I -114

MAT 5286

MT= 59 (n,n') Level
Legendre Coefficients

53-I -114



50

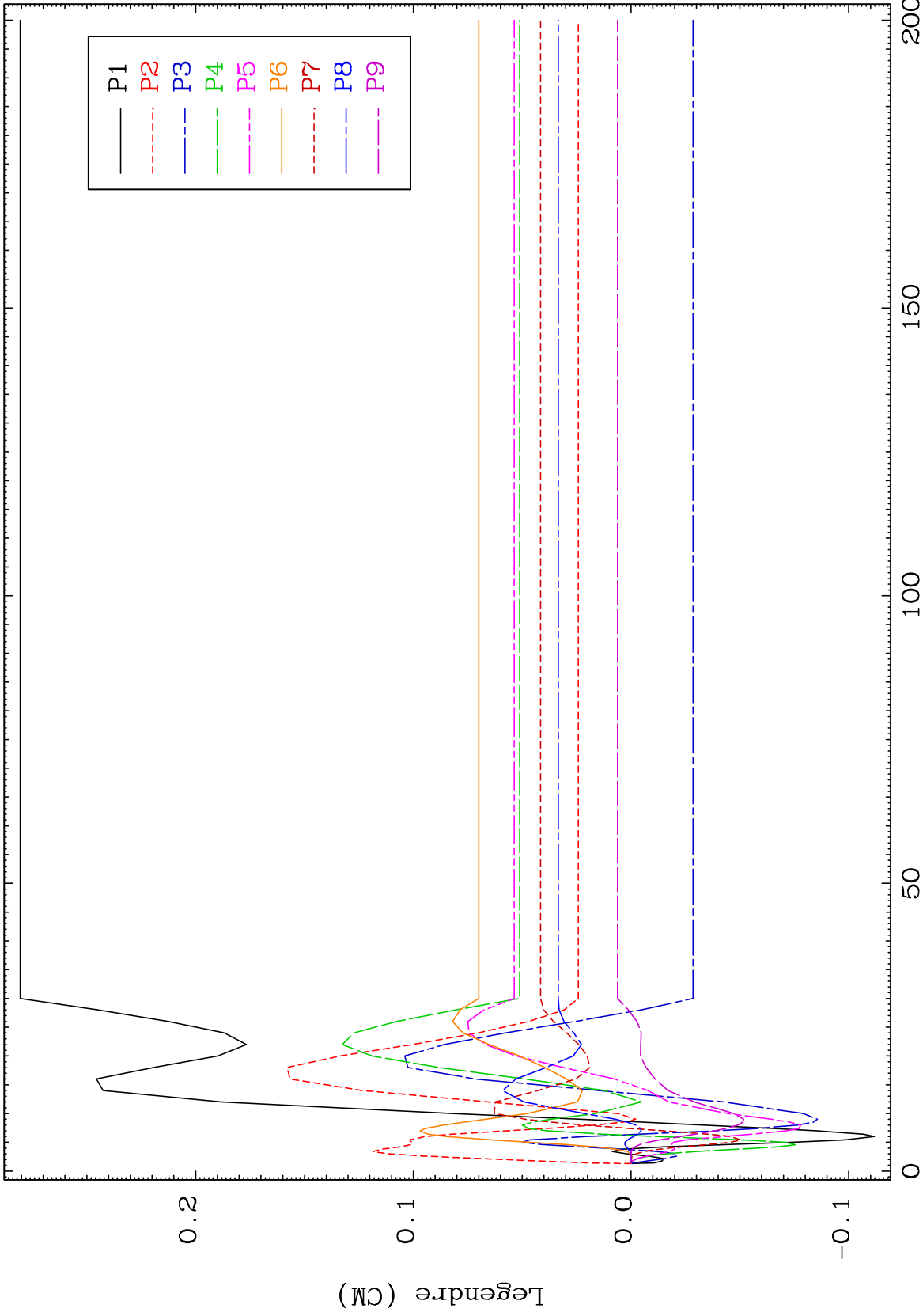
Incident Energy (MeV)

53-I -114

MAT 5286

MT= 60 (n,n') Level
Legendre Coefficients

53-I -114



51

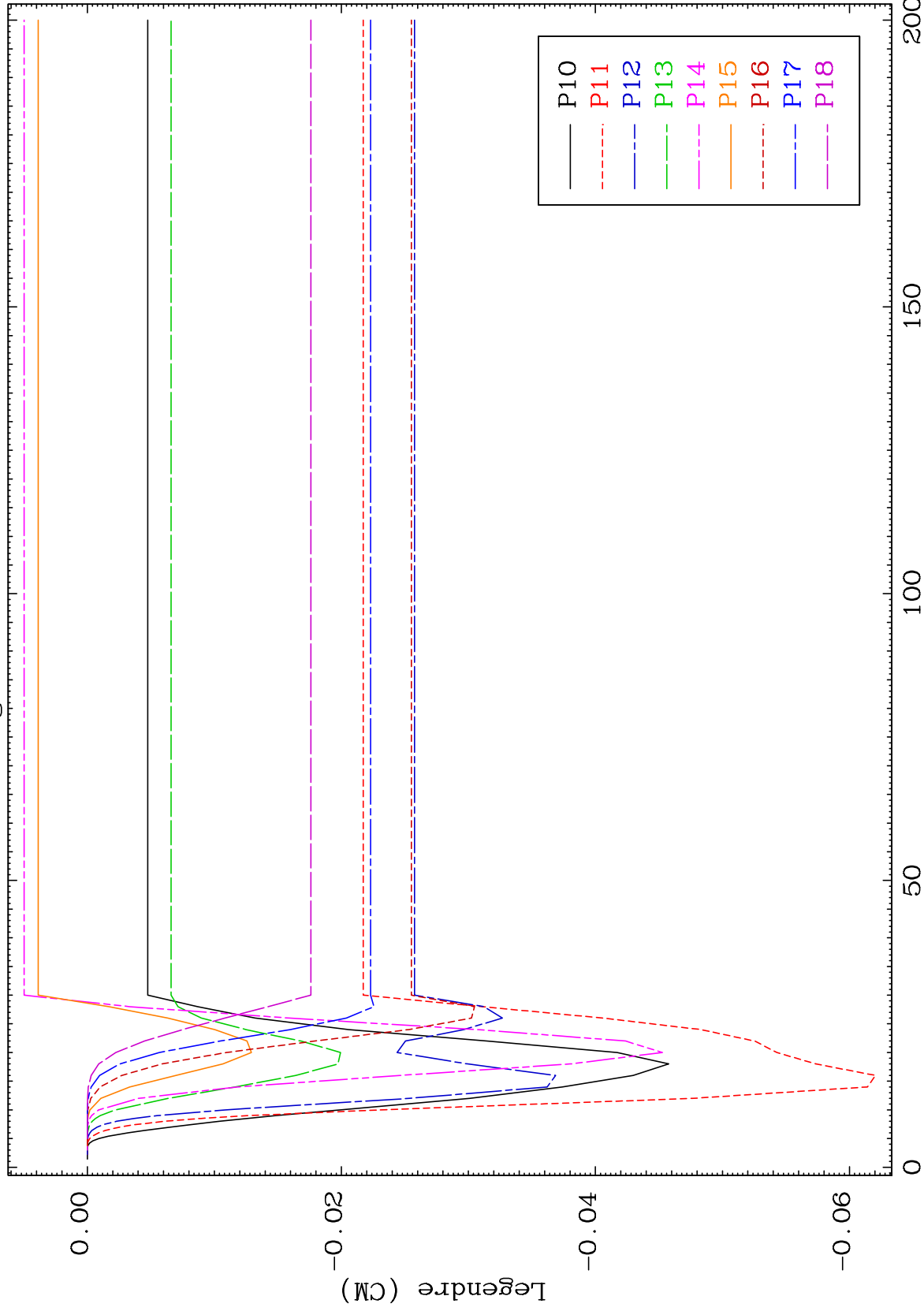
Incident Energy (MeV)

53-I -114

MAT 5286

MT= 60 (n,n') Level
Legendre Coefficients

53-I -114



52

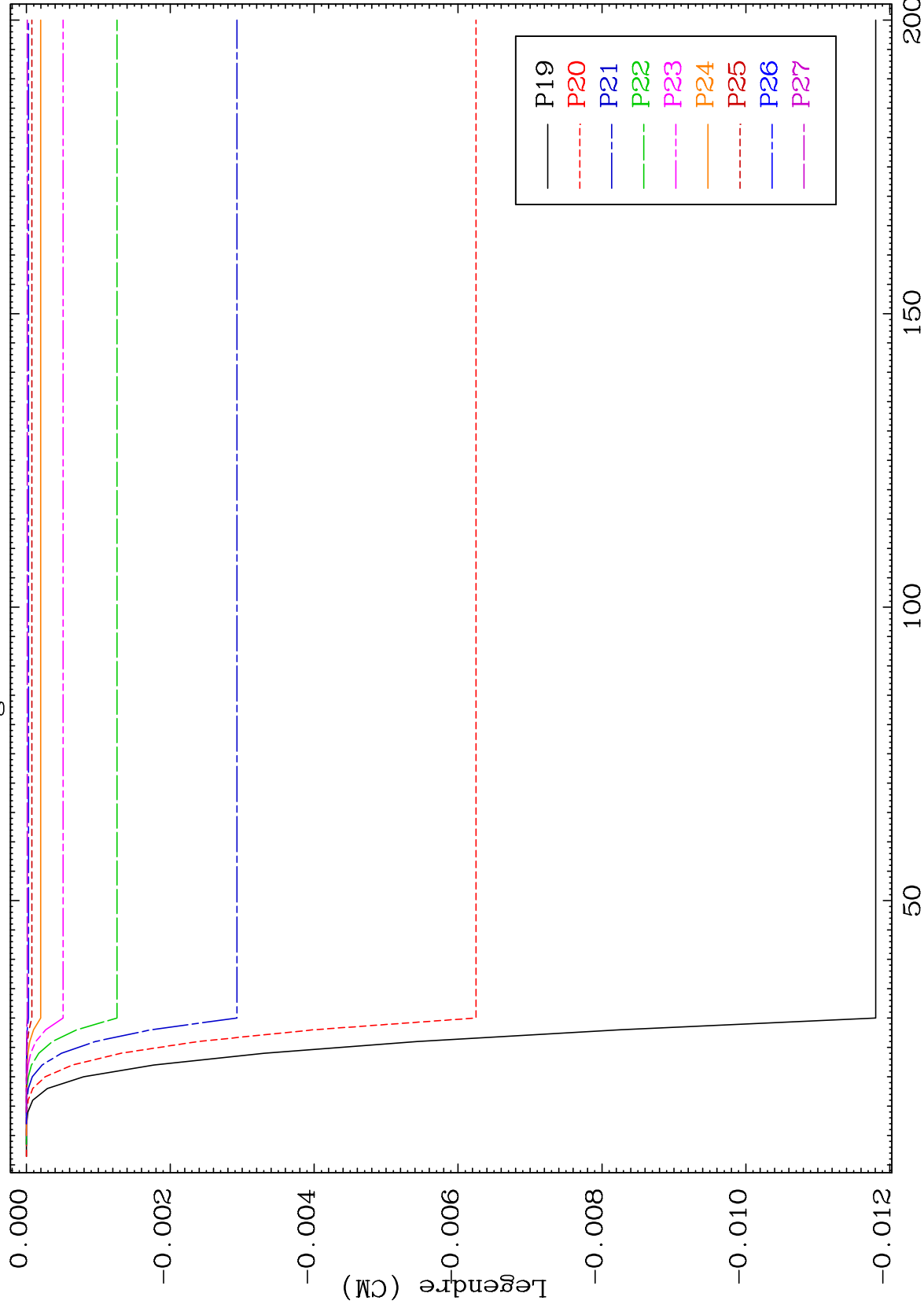
Incident Energy (MeV)

53-I -114

MAT 5286

MT= 60 (n,n') Level
Legendre Coefficients

53-I -114



53

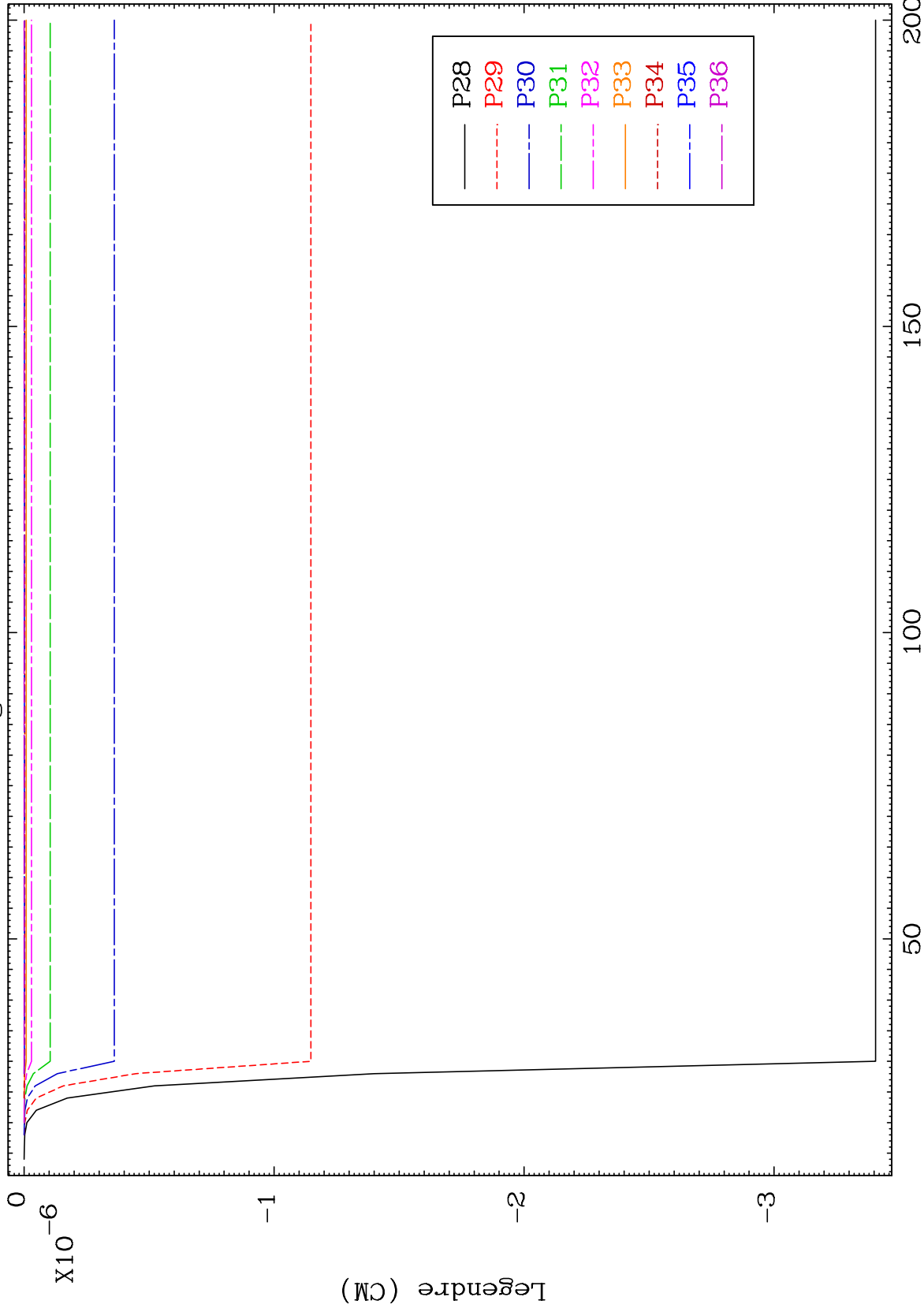
Incident Energy (MeV)

53-I -114

MAT 5286

MT= 60 (n,n') Level
Legendre Coefficients

53-I -114



54

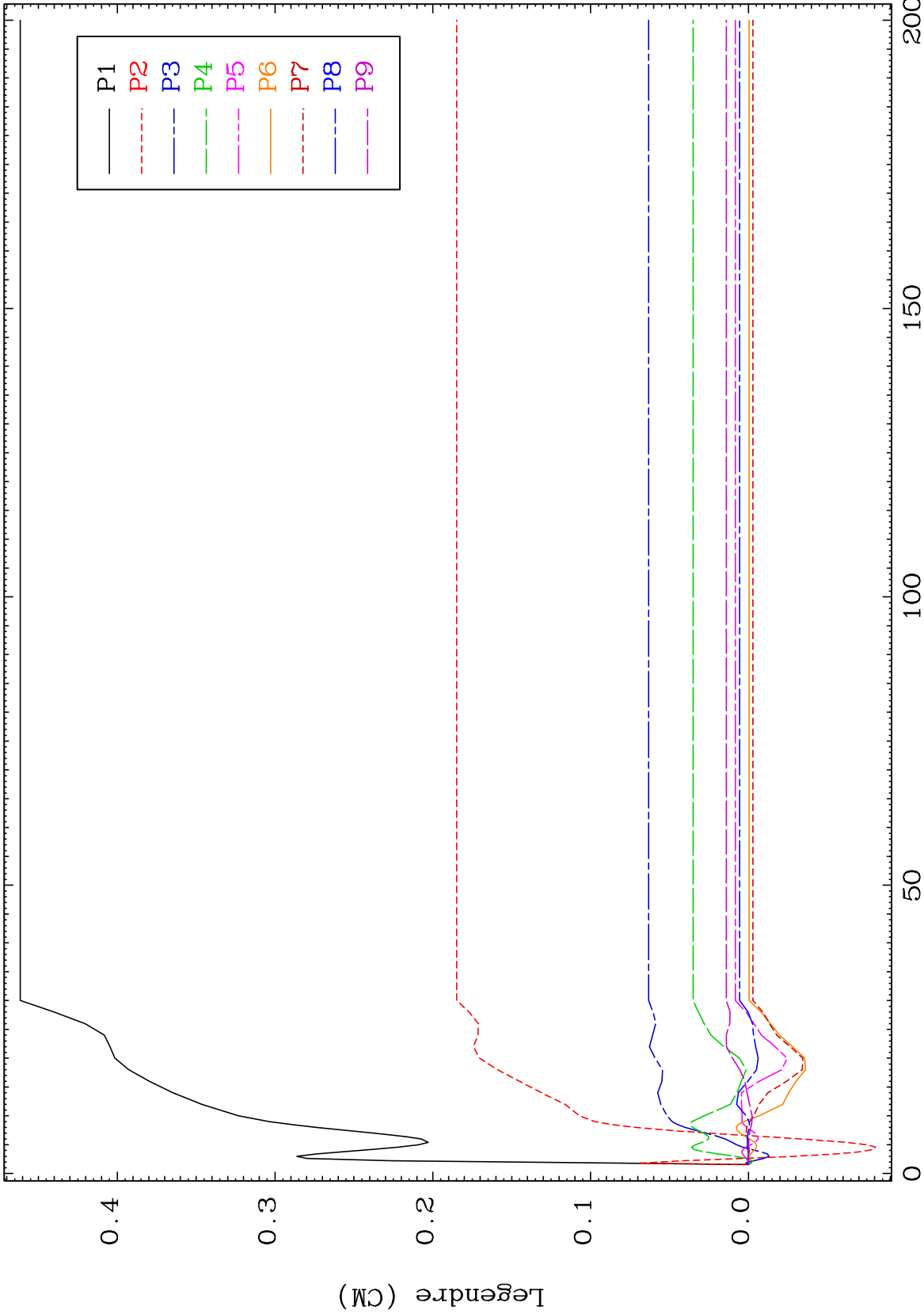
Incident Energy (MeV)

53-I -114

MAT 5286

MT= 61 (n,n') Level
Legendre Coefficients

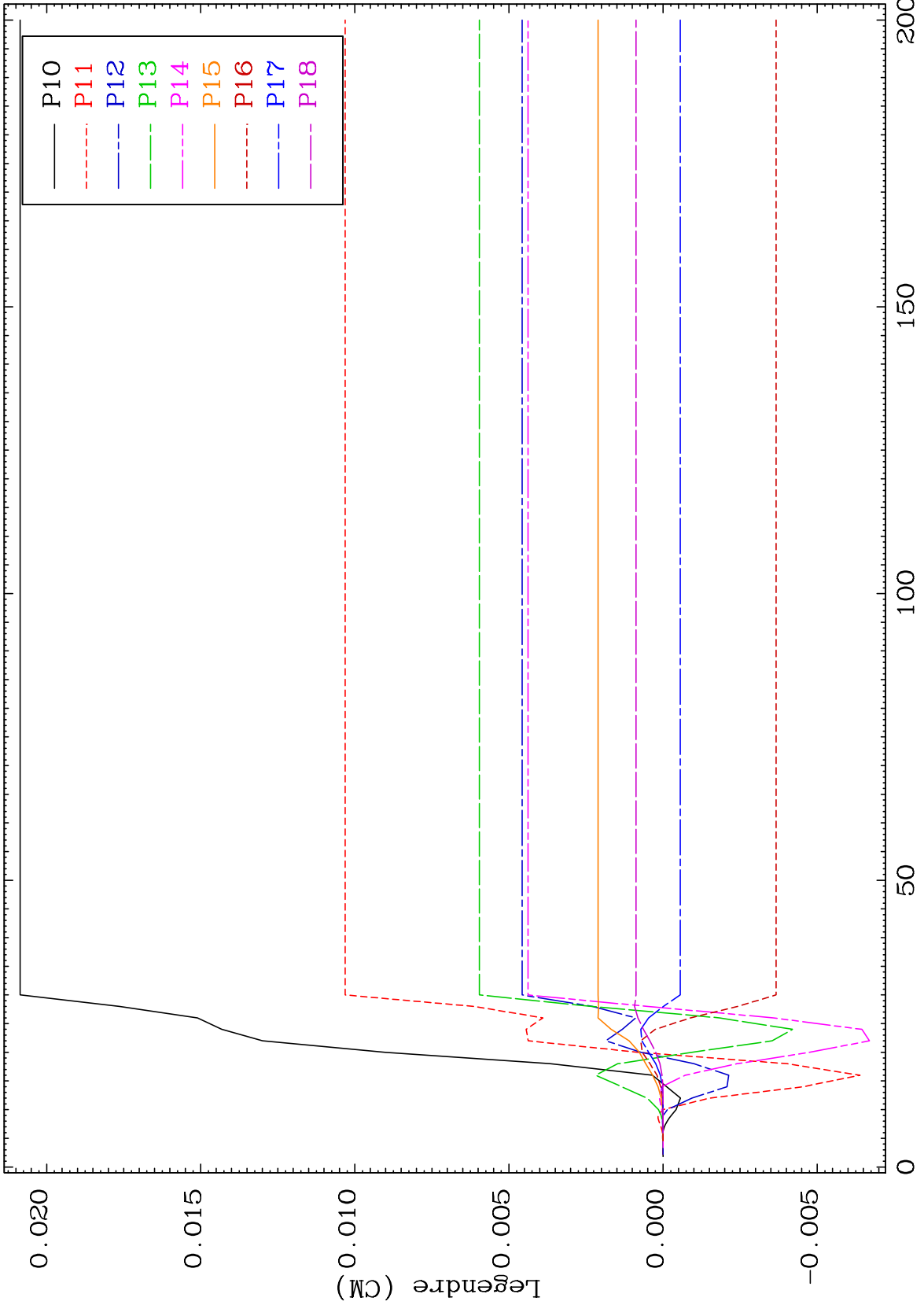
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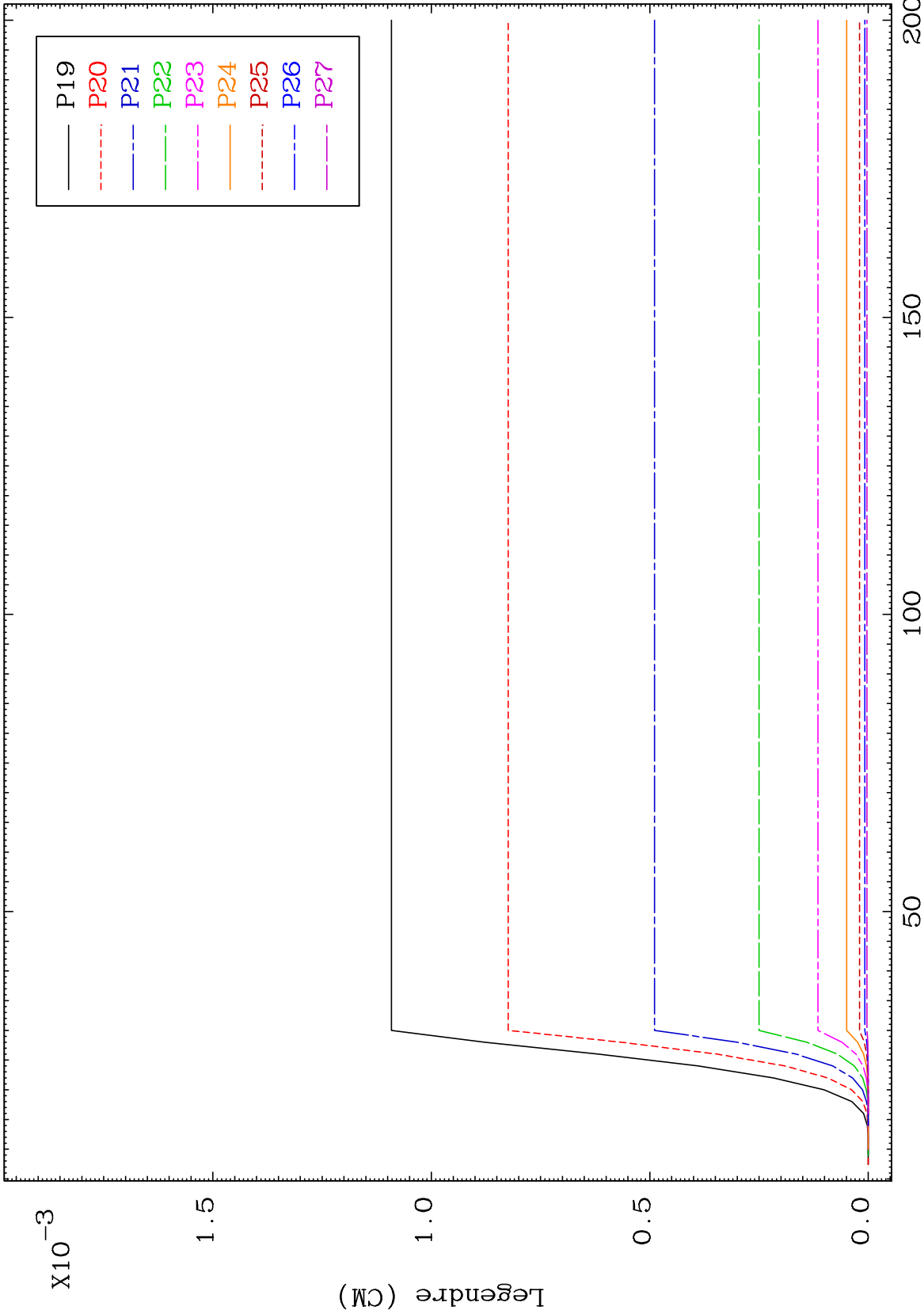


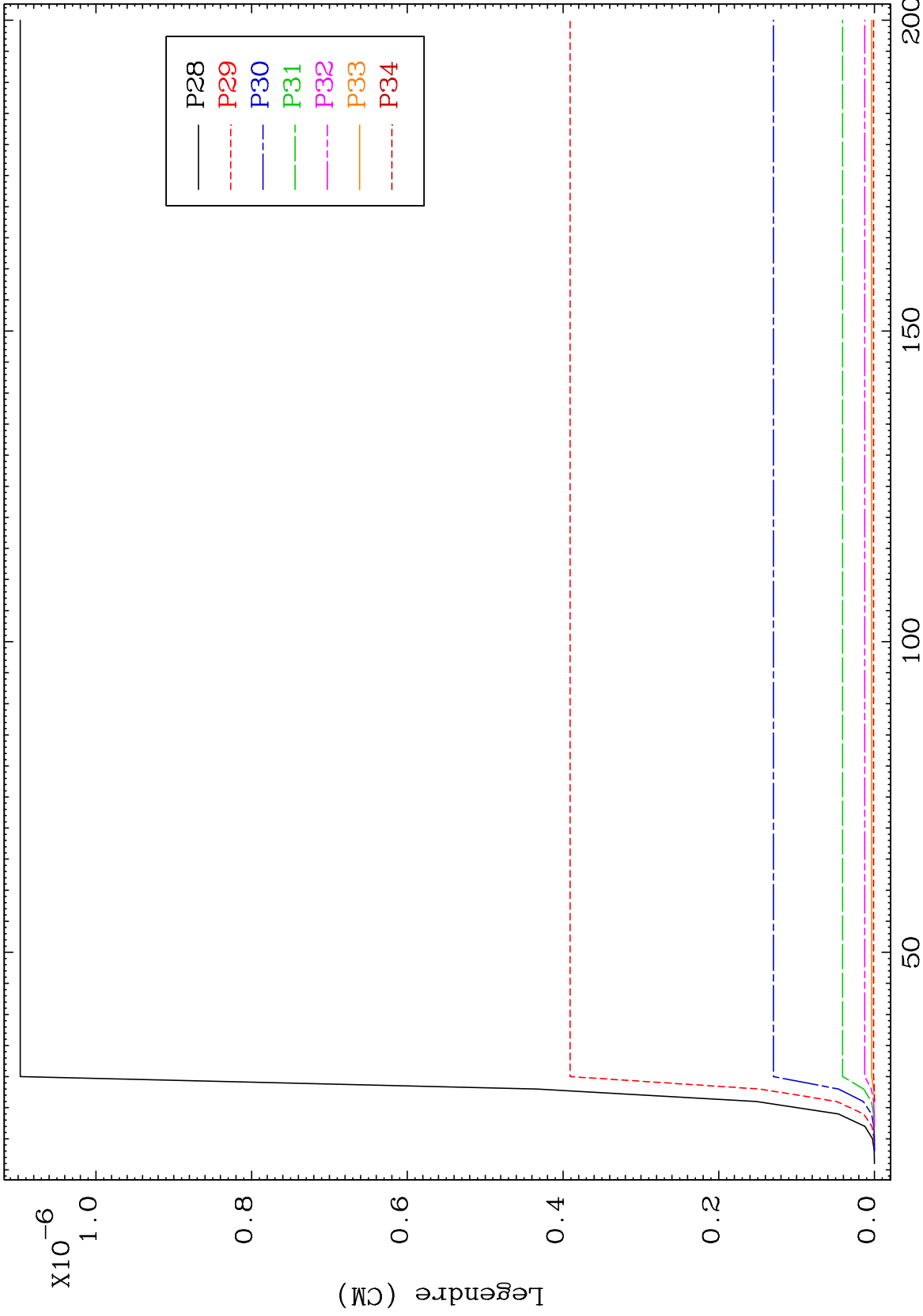
55

Incident Energy (MeV)

53-I -114



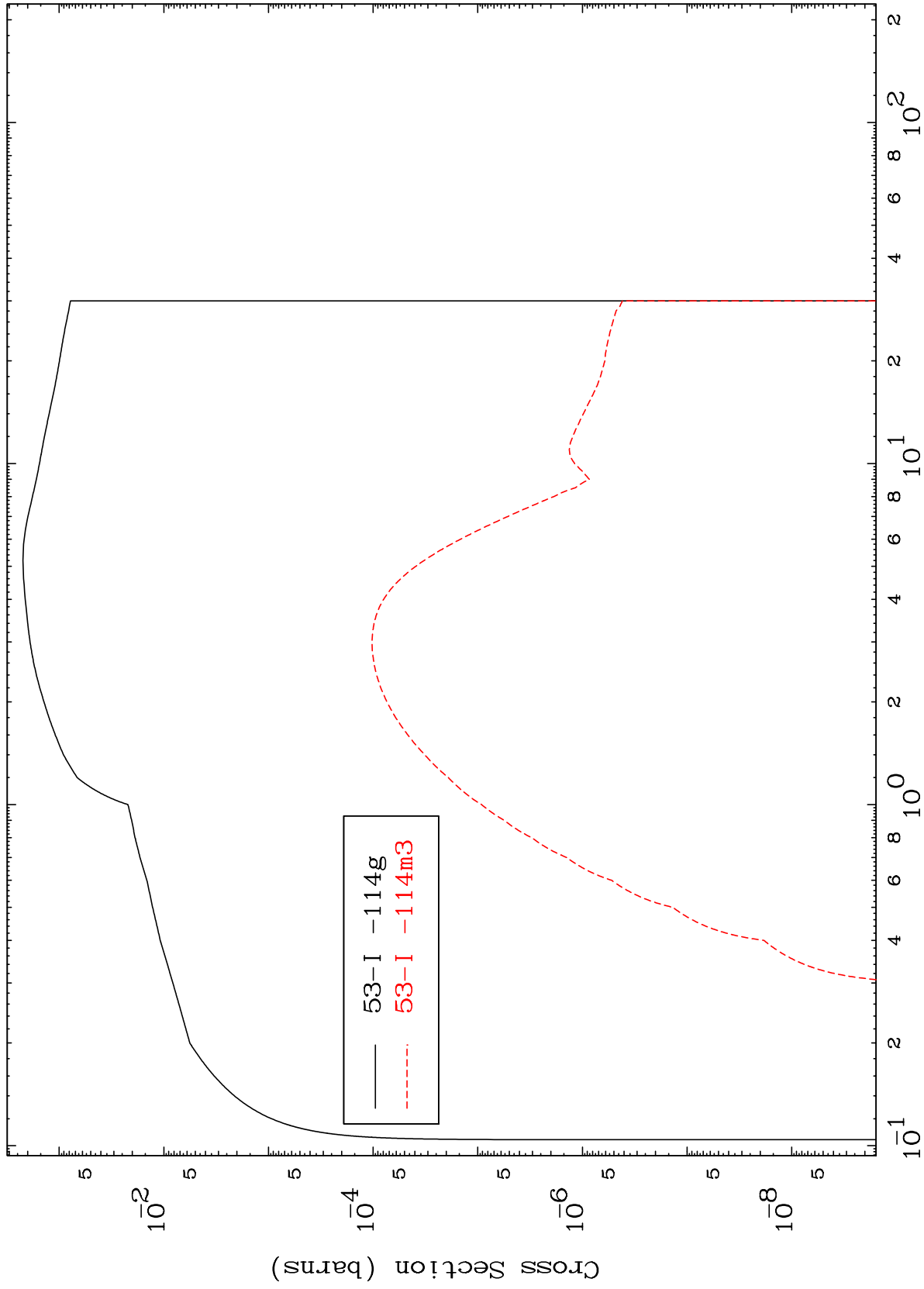




MAT 5286

Inelastic Radionuclide Production Cross Section

53-I -114



59

Incident Energy (MeV)

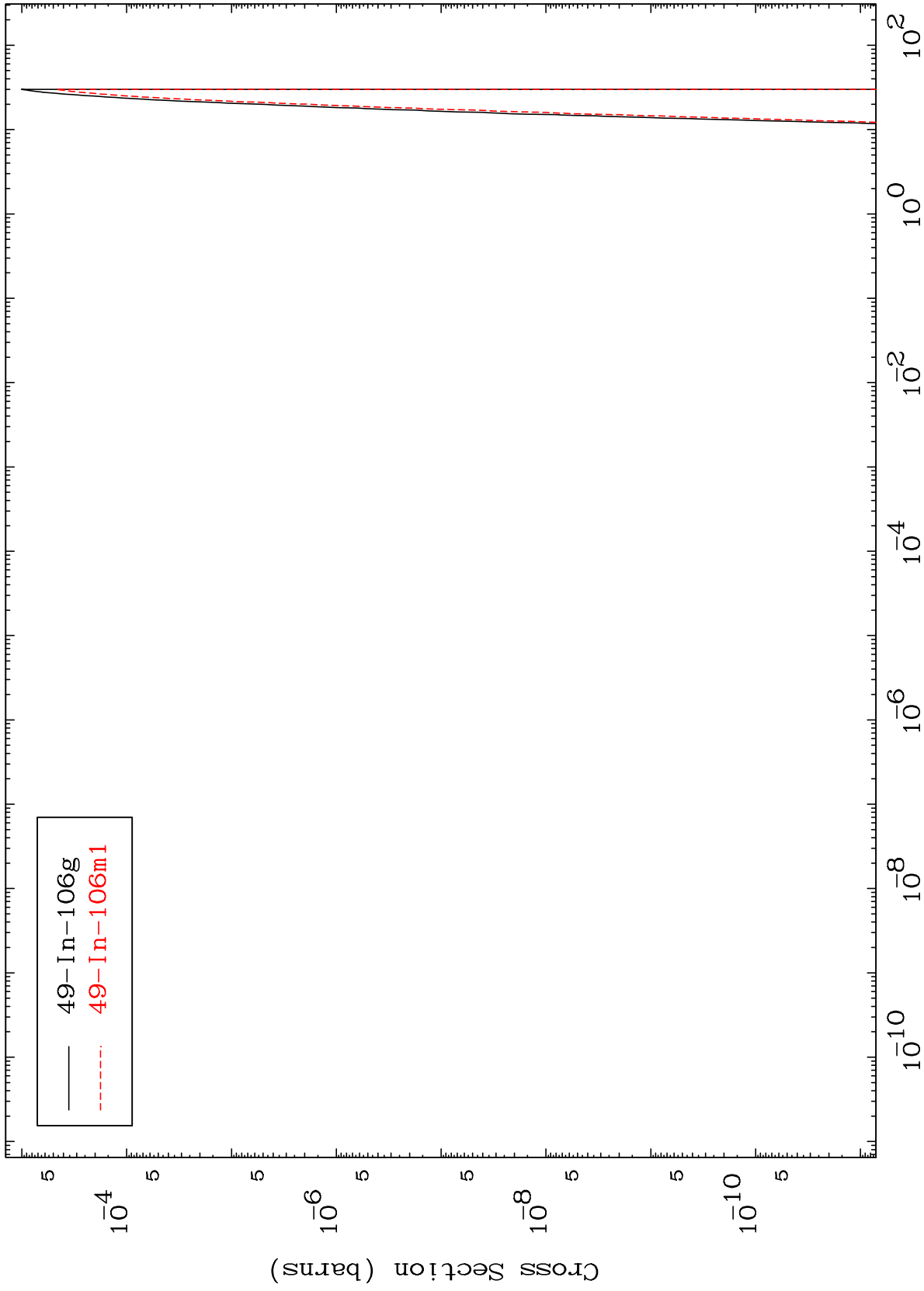
53-I -114

MAT 5286

(n,n') 2 α

53-I -114

Radionuclide Production Cross Section



60

Incident Energy (MeV)

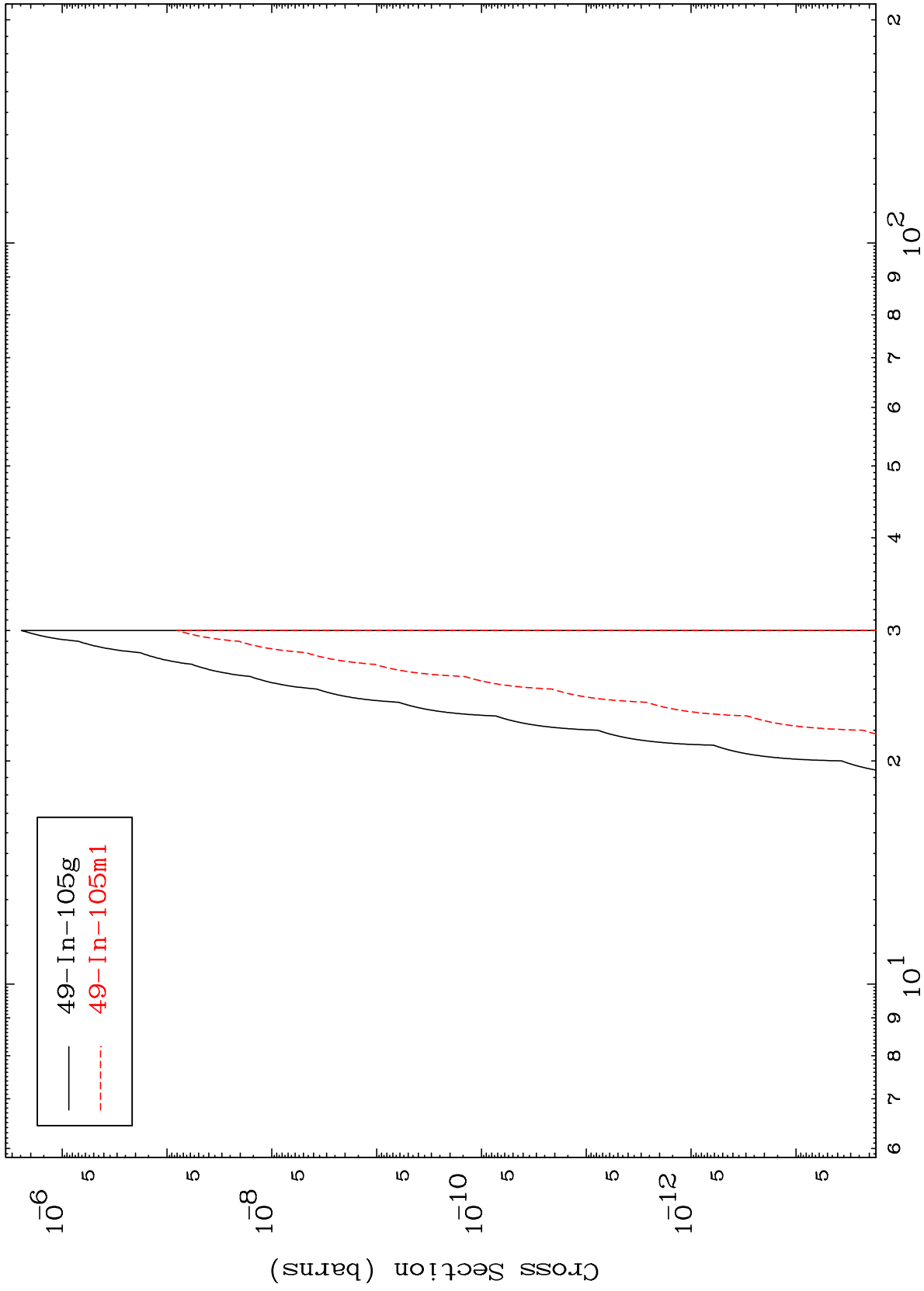
53-I -114

MAT 5286

$(n, 2n)$ ^{203}Tl

53-I -114

Radionuclide Production Cross Section



61

Incident Energy (MeV)

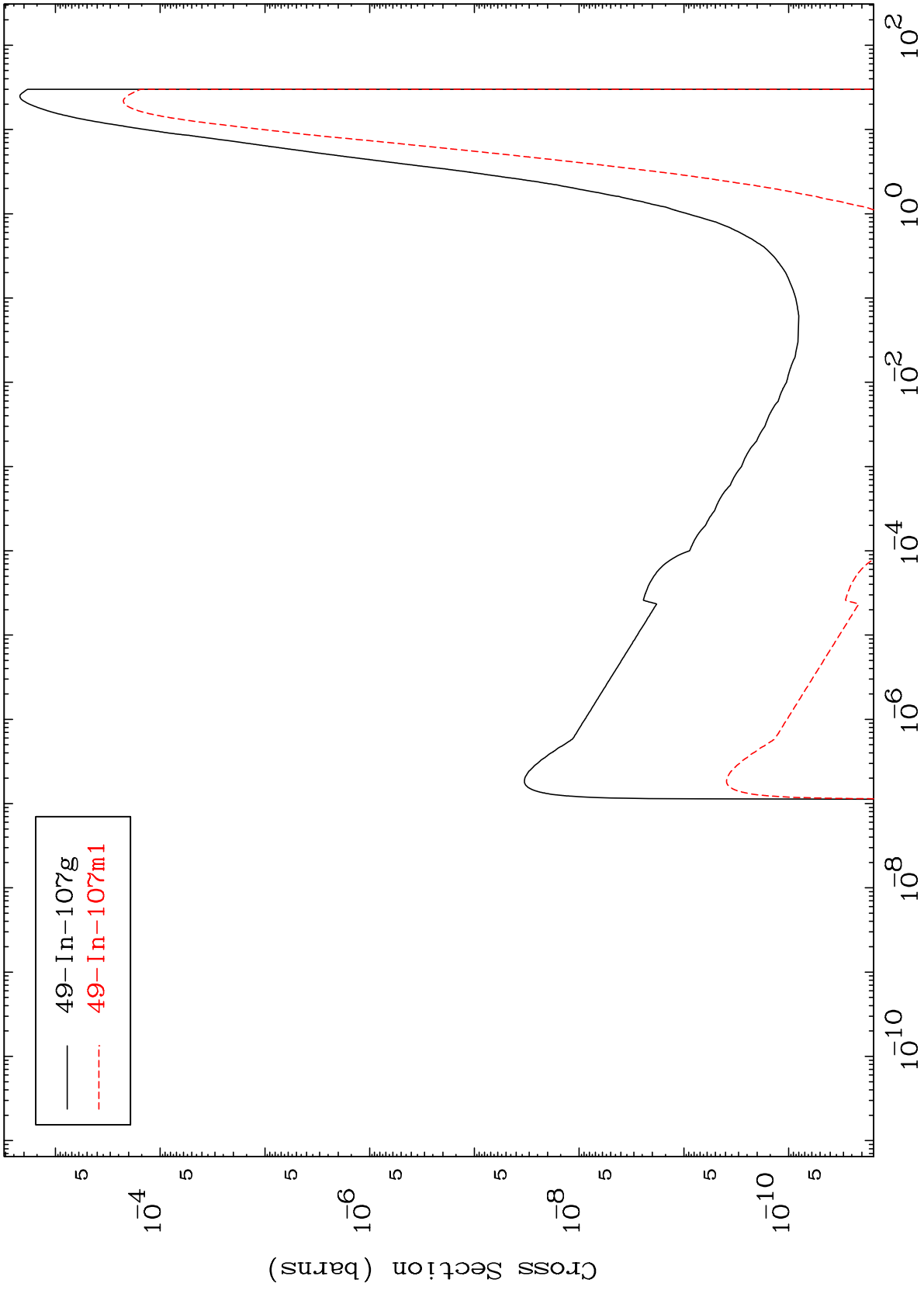
53-I -114

MAT 5286

(n,2α)

53-I -114

Radionuclide Production Cross Section



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Incident Energy (MeV)

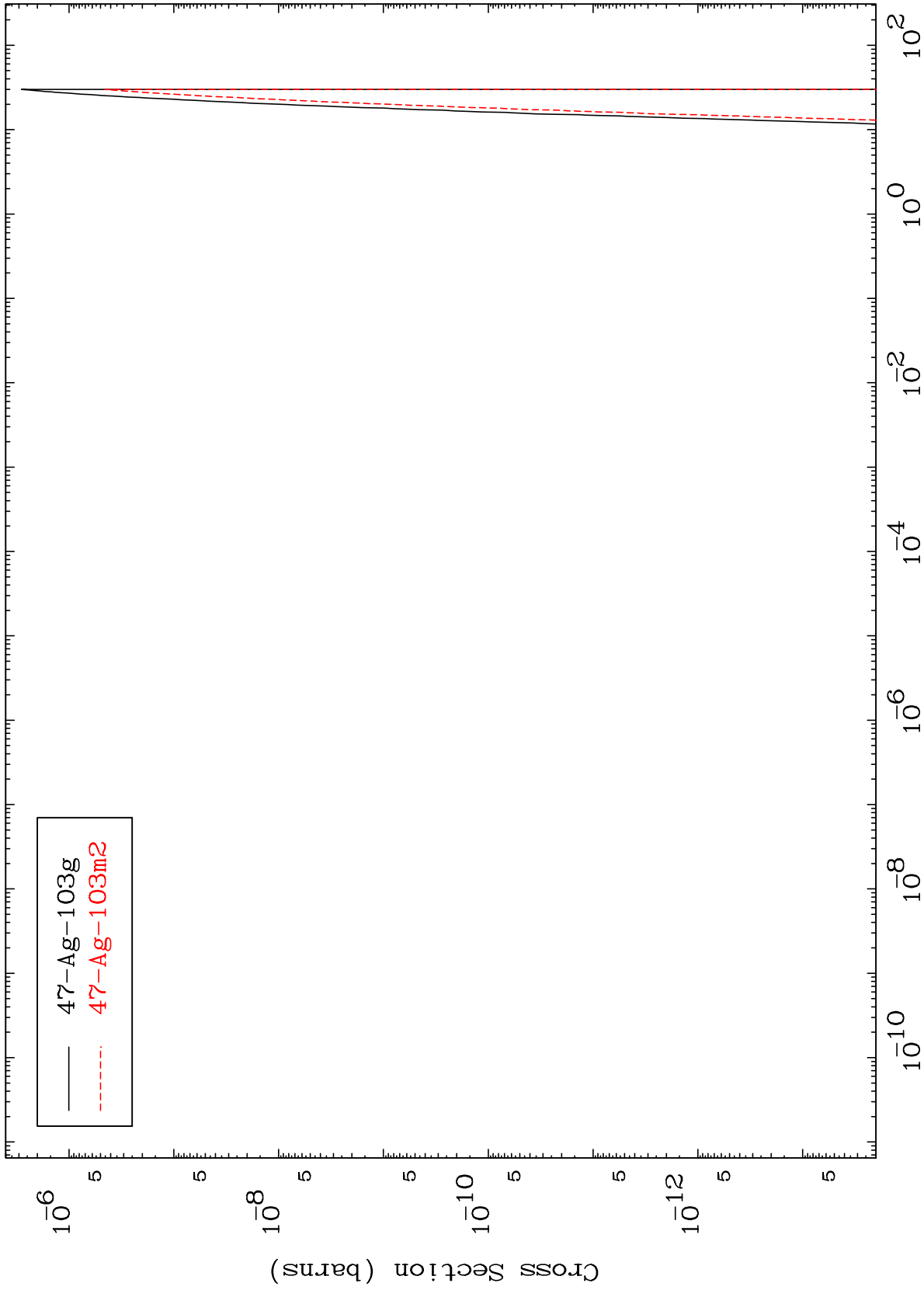
53-I -114

MAT 5286

(n,3α)

53-I -114

Radionuclide Production Cross Section



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Incident Energy (MeV)

53-I -114